ePIC ECO®

COMPOSITE FIBERGLASS FORMWORK SYSTEM
KOMPOZITNI STEKLOVLAKNENI OPAŽNI SISTEM

ePIC

www.epic.si

EPIC HEADQUARTERS
VODSTVO SKUPINE EPIC

CONTENT/ *VSEBINA*

EPIC GROUP

The parent company EPIC d.o.o. was founded in the year 1999. The founder and sole owner of the company Edvard Progar is as well the Managing Director of today's EPIC group. Since the commencement of operations, Ivan Rozman, Commercial Director, and Anja Medina, Finance and Accounting Director have run the key areas of business. The leading cadre group is completed with Jože Hunt, Investments Director, Snežana Čuk, Accounting Manager, Karmen Progar, Slovenia Director, Marjan Vavodnik, Epic Kent Director, Robert Lenno, Overseas Sales Director, Vadim Rozenvod Kravčuk, EPIC Moscow Director and Wang Lian Jing, EPIC China Director.

The principal activity of the EPIC group is the sales and rent of building shuttering systems, secondary activities include international trade in building materials and home products, retail trade, tourism, and real estate development.

The EPIC group includes the parent company EPIC d.o.o. and the affiliated companies:

In Slovenia:
EPIC Nepremičnine d.o.o.
EPIC ENERGY d.o.o.
FFR Nepremičnine d.o.o.
EPIC ECO d.o.o.
EPIC Opalni sistemi d.o.o.

Abroad:
EPIC Moscow – Russia
EPIC Beijing – China
EPIC Latina America Guatemala City, Guatemala
EPIC Eco Belgrade – Serbia
Tamen EPIC Zagreb – Croatia
EPIC ECO USA – USA, FL
EPIC ECO Dubai – UAE, currently being established

The EPIC group is present in individual countries through its general representatives (refer to last page of catalogue). Today EPIC is a leading company in the market niche of plastic shuttering systems and leading in the development of shuttering systems manufactured from fiberglass.
EPIC ECO fiberglass composite plastic building systems signify the pinnacle of quality in the area of shuttering systems on the world market. They are already in use on all the continents of the world.
The basic advantages over our rivals are the huge reduction of shuttering costs in building, and the amplification of shuttering with the same mechanical properties of other systems.

EPIC ECO plastic shuttering building systems represent a revolution in the area of shuttering because of their universality, lightness, simplicity, durability, rigidity, resistance to temperature changes, and of course their price competitiveness.

They are the only shuttering systems that can be used in salt and fresh water without damages. The EPIC group is investing large resources for the development of EPIC ECO. Each year new elements are developed that increase the possibilities of work in all situations on building sites. While keeping the basic elements of the systems, they are upgraded and improved.
In the next five years EPIC ECO building shuttering systems will become leading in the market niche of shuttering systems, as they are the fastest developing system on the world market.

The EPIC group invests large resources into the development of new markets, and to yearly present on more than 70 building fairs in over forty different countries.
EPIC ECO Freedall composite plastic shuttering systems are well represented on the markets of Slovenia, Croatia, Serbia, Russia, Belarus, Ukraine, Latvia, Estonia, Lithuania, Czech Republic, Romania, Spain, Portugal, Italy, Ireland, Norway, Kazakhstan, Bosnia and Herzegovina, USA, Mexico, Guatemala, Brazil, Israel, United Arab Emirates, Qatar, Oman, Lebanon, Morocco, Iran, Pakistan, South Africa, Australia and China.

Contacts with new customers are being formed in Slovakia, Sweden, Poland, Great Britain, France, Belgium, Germany, Austria, Bulgaria, Hungary, India, New Zealand, Kenya, Chile, Peru, Columbia, Panama, Venezuela, Ecuador, Bolivia, Canada, and Jamaica.

The Epic group invests part of its assets back into social surroundings in the form of support, sponsoring and donating to a number of charities, and humanitarian, cultural, and sport societies. Culture is especially supported through their own art gallery EPICA.

In the area of sports, the Sport society EPIC and the Excentric Bowling club are under the patronage of the EPIC group. Edward Prinčič Senior is the president of both clubs.
In the Epic group, special attention is reserved for youth in sport. They strategically direct sponsoring activities into football, which is so popular among construction workers, cycling, bowling, and basketball and especially into women's handball.

The EPIC group is well known extreme sportsman. As such, they are supporting Jure Robič, the best international extreme cyclist and three time winner of the RAAM in the United States of America, the hardest extreme cycling race in the world, with a special sponsoring contract.
Sport and extreme exploits are as well popular with the leading managers of the EPIC group.

EPIC ECO® formwork system patent pending world wide

SKUPINA EPIC

Matična podjetja EPIC d.o.o. Poslovna je bila ustanovljena leta 1990 in nastavljeni, ki edini lastnik je Edward Piogja, ki je generalni direktor za celotno skupino EPIC Od začetka poslovanja vodita hčerki podjetij Zoran Lari Piogja, direktor komercialne in Anja Mulina, direktor finance in razvoj poslovanja.
Skupino vodijo naslednji direktorji: Julio Hari, direktor investicij, Svetlana Čeč, vodja poslovnih dejavnosti, Kemal Piogja - direktor za Slovenijo, Marjan Kovačič, direktor tipic hiši, Robert Lenic, direktor komercialnega oddelka, Vedrin Adamović Hasečić, direktor EPIC Moskva in Wang Guoliang, direktor EPIC Kitajska.

Osnovna dejavnost je predstavljena izgradnja opažnih sistemov, stanovanjske dejavnosti pa so nastanitve dna kupnine, izgradnjo enega materiala in izdelkov za dom, investicijska tehnologija in razvojno inženirstvo.

Skupina EPIC obsega naslednja podjetja EPIC d.o.o. Poslovna in podjetja podrejena:

V Sloveniji
EPIC Nepremičnine d.o.o.
EPIC INVEST d.o.o.
PPR Nepremičnine d.o.o.
EPIC ECO d.o.o.
EPIC Opažni sistemi d.o.o.

V tujini
EPIC Moskva – Rusija
EPIC Beijing – Kitajska
EPIC Latina America Guatemala City- Guatemala
EPIC Ecc Beograd - Srbija
Fantom EPIC Zagreb - Hrvaška
EPIC ECO USA – ZDA, FL
EPIC ECO Cuba – ZNL, v ustanovitvi

Skupina EPIC samostojno financira, generira sredstva in poslovanje izvaja samo iznos kredita.
EPIC je danes vodilno svetovno podjetje v izdelovanju opažnih sistemov in vodilno ali vodilno ali vodilno na nekaterih trgih v izdelovanju opažnih sistemov.

EPIC ECO izdelujemo kompozitni plastični gradbeni sistem danes pomeni za svetovni trg vrhunsko novost na področju opažnih sistemov. V uporabi so že na vseh kontinentih sveta.
Osnovna prednost z vsemi konkurenčnimi je velika ekonomičnost in izdelava celotne gradbene konstrukcije opaža ob enakih nosilnostnih lastnostih, kot pri drugih vrstah sistemov.
EPIC ECO plastični opažni gradbeni sistem pomeni revolucijo na področju izdelave betonskih konstrukcij, betonskih monolitnih, izolacijskih, toplotnih, odpornosti na temperaturne vplive in vlažnih kot osnovne konkurenčnosti.

Sistemi opažni cevni, ki se izdelujejo v vsej, tako suvi, kot vlažni izvedbi. V nasvi EPIC ECO opažnih sistemov v skupini EPIC vlagajo velike sredstva. Vsako leto uvajajo nove elemente, ki povečujejo možnosti uporabe v vseh situacijah na gradbišču. Ob tem izhajajo iz osnovnega elementa sistema, jih nadgrajujejo in ustvarjajo.
V nadaljnjih petih letih bodo EPIC ECO gradbeni opažni sistemi postali vodilni v tem delu opažnih sistemov, saj so najhitrejši za montažo in sistem na avtomatski tirja.

Skupina EPIC vlaga velike sredstva tudi v razvoj novih trgov, ki naj bodo na začetku. Ti gradbeni sistemi v prvem trenutku ustrezno dobavo vsem.

EPIC ECO sistemi so bili v preteklosti dobili nekaterih sistemov ali dobili pravice na trgih:
Slovenija, Hrvaška, Srbija, Kuvajt, Belorusija, Ukrajina, Latvija, Estonija, Litva, Češka, Romunija, Španija, Portugalska, Italija, Irska, Nizozemska, Kazahstan, ZDA, Mexico, Guatemala, Brazilija, Izrael, Avstralija, Japonska, Kanada, Urugvaj, Mandžurija, Irska, Pakistan, Jordanija, Egipt, Avstrija in Kitajska.

Stiki z novimi kupci so se obetali v Slovaški, Švedski, Poljski, Velike Britaniji, Franciji, Belgiji, Nemčiji, Avstriji, Belgiji, Madžarski, Italiji, Nova Zelandija, Kenji, Čile, Peruju, Kolumbiji, Panami, Venezueli, Saudovi, Katarji, Kanadi, Jamaiki.

Skupina Epic vlaga del svojih sredstev nazaj v družbeno okolje v obliki podpiranja, sponzoriranja in donacij tistim humanitarnim, dobrodelnim, kulturnim in športnim družbam.
Kulturni projekti podpirajo celko bogato umetniško zgodovino EPICA.

Na športnem področju, pod pokroviteljstvom skupine EPIC deluje Športno društvo EPIC in bowling klub.
Epicovim Prekoslovnikom dobro je Edvard Progar znan.
Pomembno pozornost v skupini Epic namenjajo mladim v športu.
Strokovno sodelujejo sponzorska sredstva v nogometu, ki je zelo priljubljen pri gradbenih delavcih, kolesarjenju, bowling in kolesarjenju pospešuje le v letnic odhodu.

Skupina EPIC ceni tudi področje ekstremnih sportnikov in zato po posebni sponzorski pogodbi podpira Janka Robičanja, dobitnika svetovnega ekstremnega kolesarja in tekmovalca v maratonskih napravah kolesarjenje ekstremne dirke na svetu, RAAM v Združenih državah Amerike.
Šport in ekstremni podvigi so tudi priljubljeni pri vodilnih managerjih skupine EPIC.

EPIC ECO® opažni sistem, zaščiten s patentom po svetu


EPIC ECO

ePIC ECO®

COMPOSITE FIBERGLASS FORMWORK SYSTEM
KOMPOZITNI STEKLOVLAKNENI OPAŽNI SISTEM

WALL SYSTEM
STENSKI SISTEM

-FOUNDATIONS - TEMELJI

-WALLS - ZIDOVI

-WALLS STRONG - ZIDOVI STRONG

-SHAFTS - JAŠKI

-COLUMNS - STEBRI

THE ADVANTAGES OF EPIC ECO SYSTEM
(WALLS, FOUNDATIONS, COLUMNS, SHAFTS)

PREDNOSTI SISTEMA EPIC ECO (STENE, TEMELJI, STEBRI, JAŠKI)

1. PANELLING SYSTEM OF THE FUTURE

We compete for better organization in construction sector with panelling systems with the introduction of selling and renting of plastic EPIC ECO systems. The EPIC ECO panelling systems are the systems of the future because composite plastics is the material that has already supplanted the application of metal in motoring, aviation, and other industries. Therefore, the same is expected to happen in the field of building construction panelling systems. They are much alike the LEGO cubes, they are simple, and have good mechanical qualities because they can hold 50 kN/m² – 1,200 psf of panelling. They are made of manufacture of polypropylene and special fibers, which enables constructions to hold high pressure.

The speed of panelling with the systems EPIC ECO is very fast, and abundant palette of elements allows the best possible panelling combination, no redundant area of system is installed, because the area of panelling almost completely matches the area covered in concrete.

OPAŽNI SISTEMI PREDNOSTI

Z uvedbo prodaje in izposoje plastičnih sistemov EPIC ECO nadomestimo poraba lesnih in drugih naravnih izdelkov. Glavni sistemi EPIC ECO so sistemi prihodnosti, saj je kompozitna plastika material, ki je že zelo izpodrinil kovino v avtomobilski industriji in drugih industrijah in tako v EPIC-u pričakujemo, da bo enako z prihodnjimi rešitvami na gradbenih opažnih sistemih. Podobno kot LEGO kocke, saj so lahki, enostavni in ustrezajo mehanske dobre lastnosti, saj prenesejo obremenitve 50 kN/m² opažanja. Velikost opažanja z sistemi EPIC ECO zelo velika, saj pa paleta elementov po dovolju omogoča kompozicijo opažanja – ni poslabšanja in odvečne m² betonskega je površina opažanja skoraj enaka površini betona.

2. LIGHTWEIGHT AND PURPOSE

The EPIC ECO panelling systems are particularly suitable for panelling of foundations, walls of all kinds, or walls up to 42 meters / 14 ft. high. They are also suitable for handmade because of their low weight that is 18 - 22 kg/m² / 40 - 48 lb/10 sq. together with the connective material. The EPIC ECO panelling system consists of 10 elements and 51 connective elements, which are suitable for all heights of foundations due to their simplicity. The speed of panelling and low weight are only two of many advantages. The biggest element has 17,0 kg / 36,8 lb the lightest connection piece is so much heavier. The composition of 0,80 m / 32 ft. width and 2,80 m / 9 ft. height can be moved around by a constant lift with the carrying capacity of 400 kg / 882 lb. EPIC offers onsite foundations panelling in competitive price. The bulldozer biggest problem is either it is a great expense for them to use panelling systems, or panelling is complex and they need qualified carpenters when they are panelling in classic manner with shuttering panels.

MAJHNA TEŽA IN NAMENSKA UPORABNOST

EPIC ECO opažni sistem ustvarja enkratno prednost za izdelavo temeljev, zidov vseh vrst, visoko do vrhunca 3 m. Zaradi nizke mažine sode se izvaja z ročnim materialom 18-22 kg/m², izjemno pomembna ugodna dela. Opažni sistem EPIC ECO vključuje skupaj 10 elementov in 51 veznih elementov in zaradi svoje enostavnosti primerne tudi za izvajanje na gradbišču, izpolnjevanja do najvišjih zidov opažanja in majhna teža ne ovira od manjših predelov. Največji element je teže 17,0 kg, najlažji konektorski priključek ne teži 2 kilograma. Dvigalom do 400 kg se lahko premika 0,80 m širino in 2,80 m visoko kompozicijo sistema. S tem EPIC nudi izvajalcem enostavnega in cenovno ugodno konkurenčnega opažanja temeljev, le-ten gradbeni izvajalec predstavlja problem, kadar zaradi visokih stroškov jih opažanju z opažnim sistemi, kadar zaradi kompleksnosti izvajanja in potrebe po kvalificiranih delavcev ali tesarjih pri klasičnem opažanju z opažnimi ploščami.

3. ADJUSTABILITY AND FLEXIBILITY OF THE ELEMENTS

A wide range of panelling options enables optimum panelling composition; there are no superfluous squares nor rows of the system because the panelling surface is very close or the same as the surface wanted with the concrete. The base height is 15 cm / 2.3 ft, 140 cm / 4.6 ft and 280 cm / 9.2 ft, 350 cm / 11.5 ft and 420 cm / 14 ft. All the intermediate dimensions are possible because the elements are compatible vertically and horizontally. That is the optimum offer for panelling of foundations, shafts, low supporting walls, walls max. 4.2 meter / 14 ft high.

MODULARNOST IN FLEKSIBILNOST ELEMENTOV

Sestavljalni elementi omogočajo optimalno izbiro kompozicije opaženja, kar pomeni, da ni nepotrebnih odvečnih vrst modulov, ker je površina opaženja zelo blizu ali enaka površini betoniranja z betonom.

Obsegi višin (z 15 cm, 140 cm, 280 cm, 350 cm in 420 cm) omogočajo poljubne vmesne dimenzije, saj so elementi kompatibilni vertikalno in horizontalno. To pomeni optimalno ponudbo za opaženje temeljev, jedrov, nizkih podpornih zidov, stenske do 4,2 m, in ker tudi nosilne stopne plošče.

4. PRACTICAL TRANSPORTATION

The EPIC ECO panelling systems are easy to transport because they are low weight. So for the average character or medium size building we need a smaller truck for the 130 m² / 1374 sq ft of the system with all the belonging elements has 2.2 cones / 4850 lb. Elements are packed on the up-to-date pallets for the base dimension of the elements. That enables easier transportation from one building site to another. On a big truck with a trailer over 800 m² / 8610 sq ft of the system can be put, and that makes transportations cents lower.

PRAKTIČNOST PREVAŽANJA

EPIC ECO napolni sistemi so praktični za prevažanje, saj so enostavni in zato so poceni za manjše ali srednje majhne gradbišče potrebujemo manjši kamion, saj je 130 m² sistema z vsemi pripadajočimi elementi tehta 2,2 T. Elementi so pakirani na sodobnih paletah glede na dimenzije elementov, kar omogoča enostavnejši prevoz z enega gradbišča na drugo. Na kamion s prikolico nalozimo cca 800 m² sistema EPIC ECO, ki omogoča da bi kupili cenejše transporte.

5. ECOLOGY – THE RECYCLING

The elements hold for up 7 years each day of panelling reproductions. You can rest a after that the elements are brought back to EPIC by the trader once for the material and relied where the new elements are made. Ecological safety is so well like this.

EKOLOGIJA, RECIKLAŽA ELEMENTOV

Elementi zdržijo vsi bar vsakem bi uporabe vsak dan, nato pa jih EPIC odkupi pa tudi ponovno uporabi materiale se jih uporabe in narejo nove elemente. Tako je zagotovljena tudi ekološka varnost.

6. QUALITY OF THE PANELLING

A perfect fastener of the elements and optimal joints assure an smooth wall surfaces. Belle is being used for the first time, the elements are oiled with panel oil, and can be used without oiling for 6 – 7 times. This way the elements demand saving at work and consumption of panel oil. Cleaning the panels is easy because the concrete does not hold the surface.

The panelling systems EPIC ECO were tried out for our users in the extremely cold conditions. The panelling was easily carried out at the temperature of -20 °C / -4 °F, where no damage was done to the panelling systems.

The panelling systems are distinguished especially by the low weight – the largest element has dimensions 140 x 70 x 10 cm / 4,6 x 2,3 x 0,3 ft and weights 17,6 kg / 38,8 lb. The quantity 100 m² / 1076 sqf of the system with all the binding materials weights 2,2 tonnes / 4800 lb, which lowers down the transport costs to a minimum; thus there are no costs for a crane and lift, because the EPIC ECO systems can be installed manually.

KVALITETA OPLAŠANJA

Pritrditev odličnega elementov in optimalni spoji zagotovijo ravno gladke zunanje stene.
Prvič uporabe in element nanaša z opaženim oljem in nato ga uporabimo brez dodatnega olenja po nato uporabe 6-7 krat. Tako elementi zahtevajo manj dela in porabi opaženega olja. Čiščenje opažev je enostavno, saj se beton ne prijema na ploščine.

Opažne sisteme EPIC ECO so tudi uporabili pri zelo, zelo nizkih temperaturah. Opažanje je izvedeno pri -20 °C, ne pri tem se ni nič zgodilo opažnim sistemom.

Opažni sistemi odlikuje predvsem majhna teža - največji element dimenzije 140 x 70 x 10 cm je teža 17,6 kg / 100 m² sistema z vsem vezno materialom je teža 2,2 t - teža je tudi razlog manjšega transporta ker ni treba nobene izgube tudi stroški dvigala in drugo - saj sistemi EPIC ECO omogočajo ročno montažo.

7. COMPETITIVE PRICE

The material and innovative process of production allow lower price costs and therefore the product is cheaper as well. The products are price competitive, and the price is going to go down as the serial production increases. In contrast to other offerers of paneling systems EPIC is going to offer EPIC ECO paneling system to the buyer free of charge for the transportation to the site. That means further cost reduction and no time spent on organizing the transportation.

KONKURENČNA CENA

Material in inovativen proces izdelave prispeva k nižji ceni izdelka in omogoča konkurenčno ponudbo na trgu. Cene izdelkov so zelo ugodne konkurenčne, cena pa bo z večanjem obsega proizvodnje v prihodnje upadala. Za razliko od ostalih ponudnikov opažnih sistemov bo EPIC sistem opažnih EPIC ECO ponudbo kupcu zagotovo ob izvajanju do kupca na gradbišče, kar pomeni nadaljnje znižanje stroškov in ohranitve zaporedne zaposlitve pri organizaciji transporta.

8. QUALITY OF BUILT IN MATERIALS

The used substance guarantees unlimited durability. It does not decomposed nor oxidize.

KVALITETA VGRAJENIH MATERIALOV

Uporabljena snov zagotavja neomejeno trajnost. Ne razpada in ne oksidira v primeru visoke temperature in vlažnosti.

4. RENTING

Our company provides the complete engineering services, sale or rental of panelling systems EPIC ECO TM SP600. For our clients who rent the panelling systems we also design a complete panelling plan and provide training on the construction site if the clients desire it.

IZPOSOJA

V vašem projektu vedno kompletno inženiring, prodajo in izposojo opažnih sistemov EPIC ECO TM SP600.

Za vse naročnike opažnih sistemov izdelamo tudi shematski načrt opažanja in vodimo tudi montažno nivelirni opažni sistem, izvajamo montažo.

10. EPIC ECO PANELLING SYSTEMS REDUCE PANELLING COSTS

In EPIC they believe that with the introduction of the EPIC ECO drain panels they have made a big step for the paneling costs, especially of foundations and shafts of all kinds. The EPIC ECO will be mostly used by communal companies, building companies, or small and middle-sized building companies. Big building companies will use them for paneling foundations and low shafts.

The systems EPIC ECO are already used by our partners in Croatia, Serbia, Russia, Belarus, Ukraine, Latvia, Estonia, Lithuania, Czech Republic, Romania, Spain, Portugal, Italy, Iceland, Norway, Kazakhstan, Bosnia and Herzegovina, USA, Mexico, Guatemala, Mexico, Israel, United Arab Emirates, Qatar, Oman, Lebanon, Morocco, Iran, Pakistan, South Africa, Australia and China.

EPIC ECO OPAŽNI SISTEMI OMOGOČAJO ZNIŽEVANJE STROŠKOV OPAŽANJA

V EPIC-u verjamejo, da so z uvedbo novih EPIC ECO-drenažnih plošč bistveno omogočili gradbenim podjetjem znižanje stroškov opaževanja predvsem za temelje in opaževanje manjših jaškov vseh vrst. Sistemi, ki se uporabljajo v EPIC-u, se bodo v glavnem uporabljali za opaževanje temeljev in nizkih jaškov.

Sistemi EPIC ECO uporabljajo naši naši partnerji v Hrvaški, Srbiji, Rusiji, Belorusiji, Ukrajini, Latviji, Estoniji, Litvi, Češki, Romuniji, Španiji, Portugalsko, Italiji, Islandiji, Norveški, Kazahstanu, BiH-u, ZDA, Mexiku, Guatemali, Izraelu, Izraelu, Katar, Oman, Libanon, Maroko, Iran, Pakistan in Južnoafriški republiki, Avstraliji in Kitajski.

11. ELEMENT EPIC ECO STRONG

Your foundation protected by French drain CMPC. Fast, safe and inexpensive. One of the most compact elements for draining and foundation paneling in the world. In characteristics can be compared with steel formwork panels, but EPIC ECO system is much lighter: 14,6 lb / 20,7 kg.

TOČKOVNA OBREMENITEV EPIC ECO SPEED STRONG

Pomembno elementom, vsi kot 120 kN in posamezna omejitev obremenitev vseh elementov. Ustrezno in ravnotežja opaža na vrtu. Po vseh konstrukcijah se izklju mora delovnih opaži, od katerih posameznik teže 68,7 kg.

COMPONENTS OF EPIC ECO SYSTEM
(WALLS, FOUNDATIONS, COLUMNS, SHAFTS)

ELEMENTI SISTEMA EPIC ECO (STENE, TEMELJI, STEBRI, JAŠKI)

PIECE ECO STRONG 37,5 x 55 cm
ELEMENT ECO STRONG 70 x 140 cm

Code / Kode: 62000
Weight / Teže: 45,4 lb / 20,7 kg

PIECE ECO 27,5 x 37,5 cm
ELEMENT ECO 70 x 70 cm

Code / Kode: 62015
Weight / Teže: 16,7 lb / 7,60 kg

PIECE ECO 37,5 x 55 cm
ELEMENT ECO 70 x 140 cm

Code / Kode: 62007
Weight / Teže: 43 lb / 19,50 kg

PIECE ECO 11,8 x 37,5 cm
ELEMENT ECO 30 x 70 cm

Code / Kode: 62017
Weight / Teže: 8 lb / 3,70 kg

PIECE ECO 55,7 x 55 cm
ELEMENT ECO 30 x 140 cm

Code / Kode: 62003
Weight / Teže: 28 lb / 12,80 kg

COMPENSATION PIECE 2 x 27,5 cm
KOMPENZACIJSKI ELEMENT 5 x 70 cm

Code / Kode: 62013
Weight / Teže: 3 lb / 1,40 kg

PIECE ECO 55,7 x 55 cm
ELEMENT ECO 40 x 140 cm

Code / Kode: 62005
Weight / Teže: 24 lb / 13,82 kg

PILE TAKING DOWN ELEMENT
ELEMENT ZA NAZOBNJANJE

Code / Kode: 62006
Weight / Teže: 2,3 lb / 1,06 kg

PIECE ECO 11,8 x 55 cm
ELEMENT ECO 30 x 140 cm

Code / Kode: 62007
Weight / Teže: 18,3 lb / 8,42 kg

ANGLE INTERNAL 200
NOTRANJI KOTNI ELEMENT 200

Code / Kode: 04001
Weight / Teže: 24,00 lb / 11,73 kg

PIECE ECO 2,9 x 20 cm
ELEMENT ECO 20 x 140 cm

Code / Kode: 62009
Weight / Teže: 12,1 lb / 5,57 kg

ANGLE EXTERNAL 200
ZUNANJI KOTNI ELEMENT 200

Code / Kode: 04000
Weight / Teže: 12,9 lb / 5,84 kg

ANGLE 27.5 cm
KOTW ELEMENT 70 cm

Code / Kode: 62020
Weight / Teže: 5,71 lb / 2,60 kg

3 FLANGES CROSSPIECE
KRŽNI PREMEČ 3

Code / Kode: 62039
Weight / Teže: 1,25 lb / 0,57 kg

ANGLE JOINT
PODALJŠEK ZA KOTW ELEMENT

Code / Kode: 62021
Weight / Teže: 0,61 lb / 0,28 kg

PIVOT
ROJN

Code / Kode: 62018
Weight / Teže: 0,28 lb / 0,13 kg

WASHER FOR ANGLE 70
OBLEŽNICA ZA KOTW ELEMENT

Code / Kode: 71040
Weight / Teže: 0,24 lb / 0,11 kg

2 HOLES PIVOT
ROJN PODALJŠAN

Code / Kode: 62031
Weight / Teže: 0,49 lb / 0,22 kg

COVER FOR ANGLE 70
POKROV ZA KOTW ELEMENT

Code / Kode: 69000
Weight / Teže: 0,37 lb / 0,16 kg

3 HOLES PIVOT
ROJN PODALJŠAN 3

Code / Kode: 62030
Weight / Teže: 0,47 lb / 0,21 kg

SIMPLE ALIGNER 2400
IZRAVNALNI ELEMENT 2400 - ENO-STAVEN

Code / Kode: 04010
Weight / Teže: 8,81 lb / 3,997 kg

WEDGE
ZAGOZDA

Code / Kode: 62032
Weight / Teže: 0,09 lb / 0,04 kg

SIMPLE ALIGNER 2130
IZRAVNALNI ELEMENT 2130 - ENO-STAVEN

Code / Kode: 04011
Weight / Teže: 2,27 lb / 4,99 kg

WASHER D. 40 / 11 - 15
OBLEŽNICA D. 40 / 12 - 15

Code / Kode: 04110
Weight / Teže: 0,04 lb / 0,02 kg

4 FLANGES CROSSPIECE
KRŽNI PREMEČ 4

Code / Kode: 62033
Weight / Teže: 1,21 lb / 0,27 kg

COMPENSATION PIECE 154 - 273 cm
KOMPENZACIJSKI ELEMENT 154 - 273 cm

Code / Kode: 62050
Weight / Teže: 4,41 lb / 2,00 kg

SLIDING KNURLED ANCHORAGE
DRSNA DISTANČNI ELEMENT

Code / Koda: 62707
Weight / Teža: 0,37 lb / 0,17 kg

PLASTIC BOX
PLASTEN ZABOJ

Code / Koda: AOP
Weight / Teža: 4,14 lb / 1,88 kg

PIN
ZATIČ

Code / Koda: 62102
Weight / Teža: 0,04 lb / 0,02 kg

MEDIA EXTRACTION
KLJUČ ZA ZAVIGOSIE

Code / Koda: 62208
Weight / Teža: 3,31 lb / 1,50 kg

PRINCIPAL SPACER (M)
FIXFOR DISTANČNIK (M)

Code / Koda: 62103
Weight / Teža: 0,61 lb / 0,28 kg

NUT PLATE DIN 315 M8
ECO MATICA DIN 315 (M8)

Code / Koda: 62201
Weight / Teža: 1,00 lb / 0,45 kg

BASE, AN CHORAGE
SPODNJA DISTANČNIK

Code / Koda: 62305
Weight / Teža: 0,24 lb / 0,11 kg

NUT PLATE DIN 315 M10
ECO MATICA DIN 315 (M10)

Code / Koda: 62210
Weight / Teža: 0,48 lb / 0,22 kg

WASHER
OBLOŽKA

Code / Koda: 62057
Weight / Teža: 0,0018 lb / 0,0014 kg

GWEDAL SCREW Ø15 L=265 M
DVOSAC VIJAK Ø15 L=265mm

Code / Koda: 62203
Weight / Teža: 2,4 lb / 1,1 kg

WEDGE FOR ALIGNER CLAMP
ZAGOZDA ZA ZNAMNAVAO
KLJUČOLO

Code / Koda: 64001
Weight / Teža: 0,01 lb / 0,01 kg

GWEDAL SCREW Ø15 L=590 M
DVOSAC VIJAK Ø15 L=590 mm

Code / Koda: 62201
Weight / Teža: 3,17 lb / 1,44 kg

ALIGNER CLAMP
ZNAMNAVA KLJUČOLA

Code / Koda: 64000
Weight / Teža: 1,76 lb / 0,80 kg

GWEDAL SCREW Ø15 L=1010 M
DVOSAC VIJAK Ø15 L=1010 mm

Code / Koda: 62201
Weight / Teža: 4,76 lb / 2,16 kg

SUPPLEMENT COMPONENTS OF EPIC ECO SYSTEM FOR WALLS

DODATNI ELEMENTI SISTEMA EPIC ECO ZA ZIDOVE

ALIGNER CLAMP 2000
IZRAVNAVALNI ELEMENT 2000

Code / Kode: 04003
Weight / Težo: 16,20 lb / 7,35 kg

ALIGNER CLAMP 300
IZRAVNAVALNI ELEMENT 300

Code / Kode: 04004
Weight / Težo: 1,72 lb / 0,78 kg

ALIGNER CLAMP 700
IZRAVNAVALNI ELEMENT 700

Code / Kode: 04007
Weight / Težo: 4,12 lb / 1,868 kg

ALIGNER CLAMP 200
IZRAVNAVALNI ELEMENT 200

Code / Kode: 04005
Weight / Težo: 1,19 lb / 0,54 kg

ALIGNER CLAMP 500
IZRAVNAVALNI ELEMENT 500

Code / Kode: 04002
Weight / Težo: 2,94 lb / 1,33 kg

JOIN FOR A LINEN CLAMP - LONG
POVEZOVALNI ELEMENT - DOLGI

Code / Kode: 04021
Weight / Težo: 3,81 lb / 1,73 kg

ALIGNER CLAMP 400
IZRAVNAVALNI ELEMENT 400

Code / Kode: 04003
Weight / Težo: 2,20 lb / 1,000 kg

JOIN FOR A LINEN CLAMP - SHORT
POVEZOVALNI ELEMENT - KRATKI

Code / Kode: 04020
Weight / Težo: 2,17 lb / 1,075 kg

ALIGNER EXTENSION
POVALJŠEK IZRAVNALNEGA ELEMENTA

Code / Kode: 04030
Weight / Težo: 2,20 lb / 1 kg

USAGE OF EPIC ECO SUPPLEMENT COMPONENTS

UPORABA EPIC ECO DODATNIH ELEMENTOV

Additional supplement components we can use for:
A. double reinforcement aligner for elements
B. steps wall
C. 3cm filler between two elements
D. aligner on the bottom instead of wood

Dodatne elemente EPIC ECO lahko uporabimo za:
A. *dvojni ojačitveni izravnavec in opažni elementov*
B. *stopniščasta stena*
C. *3cm polnilo med elementi*
D. *lahko izravnani namesto lesa*

COLUMN REINFORCEMENT 7,9 - 23,6 inch

OJAČEVALEC ZA STEBRE 20 - 60 cm

BRACKET FOR PLY WITH BRACKET PIN
NOŽNICA ZA STEBER Z ZATIČEM

Code / Koda: MK10
Weight / Teža: 2,43 lb / 1,10 kg

WEDGE K
ZAGOZDNIK

Code / Koda: MK22
Weight / Teža: 0,34 lb / 0,15 kg

BRACKET PIN
ZATIČ NOŽNICA ZA STEBER

Code / Koda: MK11
Weight / Teža: 0,51 lb / 0,23 kg

SPRING CLAMP
ZAVIHAK

Code / Koda: MK23
Weight / Teža: 0,02 lb / 0,007 kg

USER PLUS SUPPLEMENT MATERIAL EPIC ECO

POTROŠNI IN DODATNI MATERIAL EPIC ECO

PLUG DIAMETER 18
CEP 20

Code / Koda: [illegible]
Weight / Teža: [illegible]

ROSETTE 6,04 m
ROZETA 22 mm

Code / Koda: [illegible]
Weight / Teža: [illegible]

SCREW 4 - 0/11 m
VIJAK EP 2 - 20/25 mm

Code / Koda: [illegible]
Weight / Teža: [illegible]

RUBBER PLUG 6,04 m
GUMA CEP 22 m

Code / Koda: [illegible]
Weight / Teža: [illegible]

PUMP FOR APPLYING ECO2
BRIZGALNICA ZA NANAŠANJE ECO2

Code / Koda: [illegible]
Weight / Teža: [illegible]

PLUG FOR ROSETTE 1000 pcs
CEP ZA ROZETO 1000 kos

Code / Koda: [illegible]
Weight / Teža: [illegible]

PRODUCT FOR REPAIRING ECO 3
PRODUKT ZA POPRAVILO
ECO 3

Code / Koda: [illegible]
Weight / Teža: [illegible]

DISTANCER WITH ROSETTE
[illegible]
DISTANČNIK Z ROZETO
[illegible]

Weight / Teža: [illegible]

ACID FOR CLEANING ECO2
KISLINA ZA ČIŠČENJE ECO2

Code / Koda: [illegible]
Weight / Teža: [illegible]

RUBBER HAMMER
GUMENO KLADIVO

Code / Koda: [illegible]
Weight / Teža: [illegible]

PLASTIC TUBE 1 - 6,04 m
IZDELOVALNI [illegible]

Code / Koda: [illegible]
Weight / Teža: [illegible]

FORMWORK OIL
OPAŽNO OLJE

Code / Koda: [illegible]
Weight / Teža: [illegible]

ASSEMBLING EPIC ECO (FOUNDATIONS, WALLS, COLUMNS, SHAFTS)

MONTAŽA EPIC ECO (TEMELJI, STENE, STEBRI, JAŠKI)

ASSEMBLING EPIC ECO (FOUNDATIONS, WALLS, COLUMNS, SHAFTS)

MONTAŽA EPIC ECO (TEMELJI, STENE, STEBRI, JAŠKI)

ASSEMBLING EPIC ECO (FOUNDATIONS, WALLS, COLUMNS, SHAFTS)

MONTAŽA EPIC ECO (TEMELJI, STENE, STEBRI, JAŠKI)


EPIC

EPIC ECO - FOUNDATIONS

Formwork systems EPIC ECO provide comprehensive panelling with a single panelling system on the construction site, from the foundations to the roof. The system has good mechanical properties, for it can bear the load of up to 60 kN/m² - 1200 psf of panelling.

EPIC ECO - TEMELJI

Opažni sistemi EPIC ECO omogočajo ko mpletno opažanje z enim opažnim sistemom na gradbišču in sicer od temeljev do streh. Imajo dobre mehanske lastnosti, saj prenesejo obremenitve do 80 kN/m² opada.

EPIC ECO - FOUNDATIONS

Plastic formwork systems EPIC ECO were tried out by our users in the extremely cold conditions. The panelling was easily carried out at the temperatures of -23 °C / -4,4 °F where no damage was done to the panelling systems.

EPIC ECO - TEMELJI

Opažni sistemi EPIC ECO so naši uporabniki letos preizkusili tudi v izredno mrzlih pogojih. Opažanje je nemoteno potekalo tudi pri -23 °C in pri tem ni prišlo do poškodb opažnih sistemov.

EPIC ECO - WALLS

The basic heights are 70 cm / 2.3 ft and 140 cm / 4.6 ft, while the system provides an option of single panelling to the height up to 8.4 m / 28 ft. It also provides an option of all the dimensions in between for the elements are compatible in horizontal and vertical directions.

EPIC ECO - STENE

Osnovna višina je 70 cm in 140 cm, možno pa je enkratno opažanje do višine 6,4 m. Prav tako so možne tudi vse vmesne dimenzije, saj so elementi kompatibilni vzdolžno in navpično.

EPIC ECO - WALLS

The basic heights are 70 cm / 2,3 ft and 140 cm / 4,6 ft, while the system provides an option of single panelling to the height up to 4,2 m / 14 ft. It also provides an option of all the dimensions in between for the elements are compatible in horizontal and vertical directions.
The system has 7 basic elements and 25 binding elements that provide the implementation of the complete panelling on the construction site: the foundations, shafts, pillars, walls and retaining walls.

EPIC ECO - STENE

Osnovna višina je 79 cm in 140 cm, možna pa je enkratno opaženje do višine 4,2 m. Prav tako so možne tudi vse vmesne dimenzije, saj so elementi kompatibilni vodoravno in navpično.

Sistem vsa 7 osnovnih elementov ter 23 vsemih elementov, ki omogočajo izvedbo kompletnega opaženja na gradbišču: temeljev, jaškov, stebrov, zidov in podpornih zidov.

EPIC ECO - COLUMNS

The formwork systems EPIC ECO provide means for lowering of cost for all building contraction and present a solution for increasing the competitiveness for all independent construction businesses, and all small, medium size and large construction companies FROM THE FOUNDATIONS TO THE ROOF.

EPIC ECO - STEERI

EPIC ECO - SHAFTS

Opažni sistemi EPIC ECO predstavljajo rešitev za izvajanje zelo visokih armiranobetonskih in zidanih rešitev ali povečanje konkurenčnosti vaših samostojnih gradbenih podjetniških ter vaših malih, srednjih in velikih gradbenih za izdelavo OD TEMELJEV DO STREHE.

EPIC ECO - JAŠKI

ePIC ECO®

COMPOSITE FIBERGLASS FORMWORK SYSTEM
KOMPOZITNI STEKLOVLAKNENI OPAŽNI SISTEM

CEILING SYSTEMS
STROPNI SISTEMI

EPIC ECO SKY SPEED STRONG

EPIC ECO SKY SPEED

EPIC ECO SKY LIGHT

EPIC ECO SKY WOOD

ADVANTAGES OF CEILING SYSTEM EPIC ECO SKY SPEED

PREDNOSTI STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY SPEED

1. HEAVY LOAD

Heavy load - built in glass fibres enable support of ceiling plates up to 120 cm / 47" in thickness without any problems.

VELIKA NOSILNOST

Velika nosilnost - vgrajena steklena vlakna omogočajo podporo stropne plošče do debeline 120 cm brez posebnih ovir.

2. LOW WEIGHT

Low weight - EPIC ECO Speed weights only 6,5 kg / 14 lb and is thus extremely light in comparison with all other supporting systems for the preparation of ceiling surfaces.

MAJHNA TEŽA

Majhna teža - EPIC ECO SPEED je samo 6,5 kg in je zato zelo v primerjavi s tekmeci drugim nosilni sistemom izjemno lahek.

3. PANELLING

It can be used for paneling all types of panels - it can be used to panel all dimensions of ceiling panels at construction sites, for it can be installed lengthwise, parallel, in sequence or alternately.

OPAŽANJE

Omogoča opaževanje vseh dimenzij stropnih - v npr. lahko opažamo vse dimenzije stropnih plošč na gradbišču, saj je nameščen po dolžini, vzporedno, zaporedno, izmenično.

4. WAREHOUSING

It enables easy warehousing, due to its uniform length of 1,4 m / 4,6 ft it does not cause problems when warehousing, unlike wooden brackets of different lengths up to 4,9 m / 16 ft. Also, a construction company purchases the uniform length of 1,4 m / 4,6 ft and does not need to purchase different sizes of wooden brackets, which usually remain unused in the warehouse.

SKLADIŠČENJE

Omogoča lahko skladiščenje saj zaradi enotne dolžine 1,4 m ne prestavlja problema pri skladiščenju. Kjerne tako podjetno zaradi enotne dolžine 1,4 m ni potrebno vse kupovati različnih lesenih nosilcev, kateri ostanejo velikokrat nerabljeni na skladišču.

5. SIMPLE MOUNTING

Simple mounting - EPIC ECO SKY SPEED can be installed by 2 single workers for it is light, the speed of installation is 5 minutes per 1 m² / 10 sqft the same applies for disassembly.

ENOSTAVNOST MONTAŽE

Enostavna montaža - EPIC ECO SKY SPEED omogoča lahko in enostavno, saj je lahek, montaža montaže je 5 minut za 1 m², montaža demontaže je enak.

4.COST

Decreasing the cost of panelling by 30% - by using brackets Epic ECO Speed there is no need to use the forks, so the Speed is installed directly on the supports, which eliminates the cost of purchasing the "Y" brackets and forks, with which to mount the brackets and angle head.

STROŠKI

Pri montaži konzolnega sistema z "Y" in prijemalki nosilca EPIC ECO SPEED odpadejo stroški za "Y" nosilce, ki se SPEED direktno vpnejo na podpornik. S tem odpade dodatek nakupa nosilca in nakup vijakov, s katerimi bi bilo nosilce tudi vpeti.

7 SIMPLICITY

Simplicity due to low number of elements - EPIC ECO SKY SPEED simplifies and improves setting up the panelling behind the ceiling plate, for ceiling panelling Epic ECO SKY Speed is comprised of only three elements: support, ECO Speed bracket and Epic ECO cassette element.

ENDSTAWNOST

Ekonomiczna ilość najmniejszych elementów - EPIC ECO SKY SPEED pozwalamy w stosunkowo krótkim czasie na montaż płyty, na montaż rusztu pod EPIC ECO SKY SPEED składa się trzy elementy - podpórka, ECO SPEED nośnik i EPIC ECO kaseta element.

8.LEVEL

Each beam EPIC ECO SPEED can have same level below so that is much easier to level ceiling system.

LIBELA

Vsak nosilec EPIC ECO SPEED ima zgornjo ravni del enak, zato je mnogo lažje izravnati stropno ovešanje.

9. RENTING PRICE

Very low price of renting the entire parking system, including ceiling tiles.

CENA IZPOSOJE

Zelo nizka cena izposoje za kompletno parkirno napravo, vključno z stropnimi ploščami.

10. PRICE

Very competitive price - Epic ECO SKY ribbed system has lowered the cost of panelling ceiling tier by at least 30 %, for the price of the entire ceiling panelling is considerably lower in comparison with any other ceiling panelling system.

CENA

Zero konkurencja cena - EPIC ECO SKY RIBBED system, w porównaniu z innymi systemami deskowań stropowych, kilka razy niższa kosztowo niż cały system deskowania stropu.

11. EPIC ECO SPEED LENGHT

Due to the length of 140 cm, 2,0 ft and its technology, it can be installed longitudinal or in squares, etc.,

EPIC ECO SPEED DOLŽINA

Zaradi svoje dolžine 140 cm in njegove tehnologije, ga lahko postavimo vzdolžno ali v kvadrate itd.

12. EPIC ECO SPEED MATERIALS

Reinforced with glass fibres that guarantee the rigidity and flexibility at the same time.

EPIC ECO SPEED MATERIALI

Costituiti da materiali vetrosi, in modo da garantire rigidità e flessibilità insieme.

13. PACKING

Elements are packed into pallets and thus easy to handle. None of the plastic elements weights more than 17.6 kg / 38.8 lb.

PANNELLI

Elementi accatastati in consistenti scatoloni. Nessun singolo elemento ne pesa 17,6 kg.

14. FAST ASSEMBELING

The system allows for rapid work, quicker than cassette aluminium systems (EPIC Alfort, Peri Skydeck, etc.). With the purchase of an extension (20 % greater number of ceiling elements and supports) one can install the easy support based on a three day framework in advance leaving only the framework with 30 cm / 1 ft wide elements and line of support (similar to Epic Alfort).

MITRA MONTAŽA

Omogoča eno-tri-dni delo, podobno kot kovinski aluminijasti sistemi (EPIC Alfort, itd.). Z nakupom enega podaljška (20 % večje število stropnih elementov in podpornikov) imate osnovno podpornico po treh dneve opaženja pretežno nujno, ostane samo osnovno ogrodje z 30 cm širokimi elementi in linja podpornikov (podobno kot pri Epic Alfort).

15. IT CAN REPLACE

It replaces all previously used support systems, like wooden modules, steel nivan brackets, steel brackets, beams, etc.,

LAHKO NADOMESTI

Nadomešča vse doslej uporabljene podporne sisteme, kot so: lesene module, jeklene nivan nosilce, jeklene nosilce, greme itd.

16. HIGH TEMPERATURES

It can be used in extremely high temperatures, up to 122 °F / 50°C - you can touch EPIC ECO without problems, while you cannot touch her steel without being burned.

VISOKE TEMPERATURE

Lahko se uporablja pri zelo visokih temperaturah do 50 stopinj C, brez problemov lahko prijemate EPIC ECO, medtem ko jekla ne morete prijeti brez opeklin.

17. LOW TEMPERATURES

It can be used at extremely low temperatures up to -23°C / -9,4°F. When shore must not touch the steel panelling, EPIC ECO can be handled without problems.

-23°C / -9.4°F

MUZNE TEMPERATURE

Lahko se uporablja pri zelo nizkih temperaturah do -23°C. Ko se ladja ali čolnička nasloni na jeklo, ladjevini ali kamnih obali, lahko EPIC ECO brez problemov uporabimo.

18. WATER

It can be used in water, salt or fresh water. It is the only panelling system which is designed to be used in water.

VODA

Lahko se uporablja v vodi, tako sveži kot slani, je edini opažni sistem, ki ga uporabljamo v vodi.

19. UNIVERSAL USE

All brand ECO - it can be used as a part of the EPIC ECO SKY speed ceiling panelling system, or also in combination with all other panelling systems (aluminium cassette systems, panelling panels, plywood panels, steel panelling systems, etc.) only as a supporting element of ceiling panelling.

UNIVERZALNA UPORABA

Univerzalnost uporabe - lahko se uporablja v okviru ameriškega opažnega sistema EPIC ECO SKY SPEED ali tudi v kombinaciji z vsemi drugimi opažnimi sistemi (aluminijaste kasetni sistemi, opažne plošče, jeklene opažne sisteme, itd.) kot samo podporni element stropnega opaža.

20. POINT LOADS EPIC ECO SPEED

It can withstand point loads of more than 3000 kg / 6600 lb and represents one of the most compact support elements of ceiling panelling in the world. Its characteristics can be compared with steel brackets, but EPIC system is much lighter.

TOČKOVNA OBREMENITEV EPIC ECO SPEED

Točkovna prenosa obremenitev vse tiste 3000 kg in predstavlja enega najbolj kompaktnih podpornih elementov stropne ga opaža na svetu. Po svojih karakteristikah se lahko primerja z kovinsko konzolo, vendar pa je sistem veliko lažji.

3000 kg / 6600 lb

21. POINT LOADS EPIC ECO SPEED STRONG

It can withstand point loads of more than 6000 kg / 13200 lb and represents one of the most compact support elements of ceiling panelling in the world. Its characteristics can be compared with steel brackets, but EPIC system is much lighter.

TOČKOVNA OBREMENITEV EPIC ECO SPEED STRONG

Točkovna prenosa obremenitev vse tiste 6000 kg in predstavlja enega najbolj kompaktnih podpornih elementov stropne ga opaža na svetu. Po svojih karakteristikah se lahko primerja z kovinsko konzolo, vendar pa je sistem veliko lažji.

6000 kg / 13200 lb

COMPONENTS OF CEILING SYSTEM EPIC ECO SKY SPEED

ELEMENTI STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY SPEED

EPIC ECO STRONG 37,5 x 65 in
ELEMENT ECO STRONG 70x 140 cm

Code / Koda: 62003
Weight / Teža: 28 lb / 12,80 kg

EPIC ECO 27,6 x 37,5 in
ELEMENT ECO 70x 70 cm

Code / Koda: 62010
Weight / Teža: 16,7 lb / 7,60 kg

EPIC ECO 27,6 x 55 in
ELEMENT ECO 70x 140 cm

Code / Koda: 62007
Weight / Teža: 42 lb / 19,50 kg

EPIC ECO 11,8 x 37,5 in
ELEMENT ECO 30x 70 cm

Code / Koda: 62012
Weight / Teža: 8 lb / 3,70 kg

EPIC ECO 19,7 x 55 in
ELEMENT ECO 50x 140 cm

Code / Koda: 62005
Weight / Teža: 28 lb / 12,80 kg

EPIC ECO SPEED WIDE LEVEL
EPIC ECO SPEED Z LOBELO

Code / Koda: 62001
Weight / Teža: 14,3 lb / 6,50 kg

EPIC ECO 19,7 x 55 in
ELEMENT ECO 40x 140 cm

Code / Koda: 62005
Weight / Teža: 24 lb / 10,80 kg

EPIC ECO SPEED STRONG
EPIC ECO SPEED STRONG

Code / Koda: 62006
Weight / Teža: 20,9 lb / 9,5 kg

EPIC ECO 11,8 x 55 in
ELEMENT ECO 30x 140 cm

Code / Koda: 62007
Weight / Teža: 16,7 lb / 8,40 kg

EPIC ECO SPEED
EPIC ECO SPEED

Code / Koda: 62002
Weight / Teža: 14,3 lb / 6,50 kg

EPIC ECO 2,9 x 20 in
ELEMENT ECO 20x 140 cm

Code / Koda: 62009
Weight / Teža: 12,1 lb / 5,37 kg

TRIPOD EPIC
TRONOŽEC EPIC

Code / Koda: 00040
Weight / Teža: 28,2 lb / 13,3 kg

PROP RIN C 6/9 - 7/1,5 R
PODPORNA ŠIPA 240-350 cm

Code / Kode: 02000A
Weight / Teže: 10,7 lb / 2,5 kg

MEGAJE EXTRACTOR
KLJUČ ZA ŠIPA VIJAKE

Code / Kode: 02008
Weight / Teže: 3,1 lb / 1,39 kg

PIVOT
KLIN

Code / Kode: 02030
Weight / Teže: 0,29 lb / 0,13 kg

BRIDGE COUPLER
ECO-CRP 6/9/R

Code / Kode: 02002
Weight / Teže: 0,0088 kg / 0,0024 lb

2 HOLES PIVOT
KLIN POGALIŠAR

Code / Kode: 02031
Weight / Teže: 0,49 lb / 0,21 kg

COMPENSATION PIECE 2 x 27,5 m
KOMPENZACIJSKI ELEMENT 55 7,5 m

Code / Kode: 02033
Weight / Teže: 3 lb / 1,40 kg

3 HOLES PIVOT
KLIN POGALIŠAR 3

Code / Kode: 02034
Weight / Teže: 0,47 lb / 0,212 kg

FLOOR SUPPORT
GLAVA ZA TIRNIM OPAŽ

Code / Kode: 02060
Weight / Teže: 1,3 lb / 0,61 kg

WEDGE
ZAKLJUČEK

Code / Kode: 02032
Weight / Teže: 0,88 lb / 0,04 kg

PIVOT TAKING DOWN ELEMENT
ELEMENT ZA RAZOPAJANJE

Code / Kode: 02038
Weight / Teže: 2,1 lb / 1,00 kg

WASHER
OBLOŽKA

Code / Kode: 02037
Weight / Teže: 0,008 lb / 0,004 kg

UNIVERSAL CLAMP FOR CEILING SYSTEMS

UNIVERZALNA SPONA ZA STROPNE OPAŽE

SQUARE FOR SIDE PANEL
SPONA NOSILCA

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

CLIPSOR
SIDEBAR SPONA NOSILCA

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

WEDGE R
ZAGOZDA R

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

CLAMP
PRIMEŽ SPONE NOSILCA

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

SPRING CLAMP
ZAPIČ ZA PRIMEŽ

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

CLAMP BLOCKING PIN
ZAPIČ ZA PRIMEŽ

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

SQUARE FOR SIDE PANEL - WITH WEDGE R
SPONA NOSILCA - KOMPLET

Code / Koda: [illegible]
Weight / Teža: [illegible] / [illegible] kg

USER PLUS SUPPLEMENT MATERIAL EPIC ECO

POTROŠNI IN DODATNI MATERIAL EPIC ECO

PLUG DIAMETER 18
CEP 20

Code / Koda: [illegible]
Weight / Teža: [illegible]

ROSETTE 6,8x4
ROZETA 22 mm

Code / Koda: [illegible]
Weight / Teža: [illegible]

BORER 4 - 6/11 m
VRTJAČ Z 26/26 mm

Code / Koda: [illegible]
Weight / Teža: [illegible]

RUBBER PLUG 6,8x4 m
GUMA CEP 22 m

Code / Koda: [illegible]
Weight / Teža: [illegible]

PUMP FOR APPLYING ECO2
BRIZGALKA ZA NANAŠANJE ECO2

Code / Koda: [illegible]
Weight / Teža: [illegible]

PLUG FOR ROSETTE 1000 pcs
CEP ZA ROZETO 1000 kos

Code / Koda: [illegible]
Weight / Teža: [illegible]

PRODUCT FOR REPAIRING ECO 3
PRODUKT ZA POPRAVILO
ECO 3

Code / Koda: [illegible]
Weight / Teža: [illegible]

DISTANCE WITH ROSETTE
3,8 - 7,8 - 9,8 - 11,8 m
DISTANČNIK Z ROZETO
150, 200, 250, 300 mm

Weight / Teža: [illegible]

ACID FOR CLEANING ECO2
KISLINA ZA ČIŠČENJE ECO2

Code / Koda: [illegible]
Weight / Teža: [illegible]

RUBBER HAMMER
GUMENO KLADIVO

Code / Koda: [illegible]
Weight / Teža: [illegible]

PLASTIC TUBE 1 m - 6,06 ft
IZOLIVNA CEVI - 1 m

Code / Koda: [illegible]
Weight / Teža: [illegible]

FORMWORK OIL
OPAŽNO OLJE

Code / Koda: [illegible]
Weight / Teža: [illegible]

ASSEMBLING OF CEILING SYSTEM EPIC ECO SKY SPEED

MONTAŽA STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY SPEED

ASSEMBLING OF CEILING SYSTEM EPIC ECO SKY SPEED

MONTAŽA STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY SPEED

UNIVERSAL CLAMP FOR CEILING SYSTEMS

It can be used on wooden beams, EPIC ECO SKY SPEED and like step and.

UNIVERZALNA SPONA ZA STROPNE OPAŽE

Lahko se uporablja na lesenih i nosilcih, EPIC ECO SKY SPEEDU in kot zaključek opaže, stropov, terasfjev...

EPIC ECO SKY SPEED CEILING SYSTEM

EPIC ECO SKY SPEED STROPNI OPAŽ

EPIC ECO SKY SPEED CEILING SYSTEM

EPIC ECO SKY SPEED STROPNI OPAŽ






EPIC ECO SKY SPEED CEILING SYSTEM

EPIC ECO SKY SPEED STROPNI OPAŽ

EPIC ECO SKY LIGHT / LAHKI

KOMPOZITNI STROPNI OPAŽ EPIC ECO S PODPORNIKI
TER GLAVO ZA STROPNI OPAŽ IN KOMPOZITNIMI OPAŽNIMI ELEMENTI EPIC ECO

S tem naročnim opažanja lahko izdelamo debelino betonske plošče do **18 cm**. Z novimi naročnimi Epic ECO-elementi pa debelino do **25 cm**.

COMPOSITE CEILING SYSTEM EPIC ECO WITH PROPS, FLOOR SUPPORT AND COMPOSITE PIECES EPIC ECO

With this system of formwork we can manufacture concrete plates with thickness up to 18 cm / 6 inch. With new blue Epic ECO elements thickness up to 25 cm / 10 inch.

Elementi EPIC ECO, ki jih izdelujemo za izdelavo vertikalnih sten, lahko samo z enim dodatnim elementom – plastično glavo za podpornike, uporabimo za opažanje stropov.
Hitrost opažanja je s plastičnimi sistemi EPIC ECO zelo velika, bogata paleta elementov pa dovoljuje optimalnost kompozicij opažanja – ne postavljajo se odvečni m² sistema, ker je površina opažanja skoraj enaka površini betona.
Kompozitni sistemi EPIC ECO so praktično neuničljivi, elementi zdržijo 6 do 10 let opažanja, potem pa se elementi reciklirajo.

The EPIC ECO elements, which are used for manufacture of vertical walls, can be used for manufacture of ceilings by adding only one additional element – plastic top for props.
The speed of panelling with the composite systems EPIC ECO is very fast, and abundant palette of elements allows the best possible panelling composition, no redundant area of system is installed, because the area of panelling almost completely matches the area covered in concrete.
The composite systems EPIC ECO are practically indestructible. The elements withstand from 6 to 10 years of installations, after which they are recycled.

[illegible] STROPNI PODPORNIK Z STEBRI [illegible] EPIC ECO IN ORODJEM ZA [illegible] KOMPOZITNIH OPAŽOV

THE SCHEME OF CEILING PANEL WITH THE SHAFT EPIC ECO ELEMENTS AND THE MANUFACTURE OF THE PROJECTING PIECES

COMPONENTS OF CEILING SYSTEM EPIC ECO SKY LIGHT

ELEMENTI STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY LIGHT/ LAHKO

EPIC ECO STRONG 37,5 x 55 in
ELEMENT ECO STRONG 70 x 140 cm

Code / Koda: 62000
Weight / Teža: 45,6 lb / 20,7 kg

EPIC ECO 27,5 x 37,5 in
ELEMENT ECO 70 x 70 cm

Code / Koda: 62010
Weight / Teža: 16,7 lb / 7,60 kg

EPIC ECO 27,5 x 55 in
ELEMENT ECO 70 x 140 cm

Code / Koda: 62001
Weight / Teža: 43 lb / 19,50 kg

EPIC ECO 11,8 x 37,5 in
ELEMENT ECO 30 x 70 cm

Code / Koda: 62012
Weight / Teža: 8 lb / 3,70 kg

EPIC ECO 19,7 x 55 in
ELEMENT ECO 50 x 140 cm

Code / Koda: 62005
Weight / Teža: 28 lb / 12,60 kg

FLOOR SUPPORT
GLAVA ZA STROPNI OPAŽ

Code / Koda: 62060
Weight / Teža: 1,3 lb / 0,61 kg

EPIC ECO 15,7 x 55 in
ELEMENT ECO 40 x 140 cm

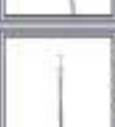
Code / Koda: 62005
Weight / Teža: 24 lb / 10,82 kg

TRIPOD EPIC
TRONOŽIC EPIC

Code / Koda: 10MAN
Weight / Teža: 26,3 lb / 12,3 kg

EPIC ECO 11,8 x 55 in
ELEMENT ECO 30 x 140 cm

Code / Koda: 62007
Weight / Teža: 16,7 lb / 9,42 kg



PROPS EPIC 6,9 – 11,3 ft
PODPORNA EPIC 210 -350 cm

Code / Koda: 10MPM
Weight / Teža: 30 lb / 13 kg

EPIC ECO 7,9 x 55 in
ELEMENT ECO 20 x 140 cm

Code / Koda: 62009
Weight / Teža: 12,1 lb / 5,37 kg

FAST TAKING DOWN ELEMENT
ELEMENT ZA HITRO PAŽNJE

Code / Koda: 62018
Weight / Teža: 2,2 lb / 1,00 kg

COMPRESSION PRESS 2 x 27,5 in
KOMPOZICNI ELEMENT 5,5 / 9 mm

Code / Koda: 62060
Weight / Teža: 5 lb / 1,40 kg

SQUARE TOP SIDE PANEL
SPONA KOSILA

Code / Koda: 62061
Weight / Teža: 2,26 lb / 1,08 kg

PIVOT
NUN

Code / Koda: 62030
Weight / Teža: 0,26 lb / 0,13 kg

WEDGE K
ZAVIJAČ K

Code / Koda: 62022
Weight / Teža: 0,34 lb / 0,155 kg

2 HOLES PIVOT
NUN POGALJAV

Code / Koda: 62031
Weight / Teža: 0,49 lb / 0,21 kg

CORNER
SKOBNAC SPONE KOSILA

Code / Koda: 62008
Weight / Teža: 0,74 lb / 0,335 kg

3 HOLES PIVOT
NUN POGALJAV 2

Code / Koda: 62034
Weight / Teža: 0,47 lb / 0,212 kg

CLAMP
PRIMEZ SPONE KOSILA

Code / Koda: 62074
Weight / Teža: 0,60 lb / 0,28 kg

WEDGE
ZAVIJAČ

Code / Koda: 62032
Weight / Teža: 0,69 lb / 0,34 kg

CLAMP BLOCKING PIN
ZAVIČAJ PRIMEZ

Code / Koda: 62071
Weight / Teža: 0,20 lb / 0,24 kg

WASHER
OBLEKNA

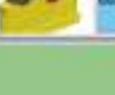
Code / Koda: 62017
Weight / Teža: 0,008 lb / 0,004 kg

SPRING CLAMP
ZAVIČAJ PRIMEZ

Code / Koda: 62023
Weight / Teža: 0,20 lb / 0,007 kg

WEDGE EXTRACTOR
KLJUČ ZA ZAVIJAČE

Code / Koda: 62200
Weight / Teža: 3,2 lb / 1,39 kg



SCAFFOLD FOR SIDE PANEL - WITH WEDGE K
SPONA KOSILA - KOMPLET

Code / Koda: 62004
Weight / Teža: 5,30 lb / 2,40 kg

USER PLUS SUPPLEMENT MATERIAL EPIC ECO

POTROŠNI IN DODATNI MATERIAL EPIC ECO

PLUG DIAMETER 18
ČEP 18

Code / Koda: [illegible]
Weight / Teža: [illegible]

ROSETTE 6,5/4 m
ROZETA 22 mm

Code / Koda: [illegible]
Weight / Teža: [illegible]

BORER 4 - 6/11 m
VRTALNIK 2 - 2,6/2,8 mm

Code / Koda: [illegible]
Weight / Teža: [illegible]

RUBBER PLUG 6,5/4 m
GUMA ČEP 22 m

Code / Koda: [illegible]
Weight / Teža: [illegible]

PUMP FOR APPLYING ECO2
DRUŠKALKA ZA NANAŠANJE ECO2

Code / Koda: [illegible]
Weight / Teža: [illegible]

PLUG FOR ROSETTE 1000 pcs
ČEP ZA ROZETO 1000 kos

Code / Koda: [illegible]
Weight / Teža: [illegible]

PRODUCT FOR REPAIRING ECO 3
PRODUKT ZA POPRAVILO
ELIMINATOR ECO 3

Code / Koda: [illegible]
Weight / Teža: [illegible]

DISTANCER WITH ROSETTE
[illegible]
DISTANČNIK Z ROZETO
[illegible]

Weight / Teža: [illegible]

ACID FOR CLEANING ECO2
KISLINA ZA ČIŠČENJE ECO2

Code / Koda: [illegible]
Weight / Teža: [illegible]

RUBBER HAMMER
GUMASTO KLADIVO

Code / Koda: [illegible]
Weight / Teža: [illegible]

PLASTIC TUBE 1 m - 6,06 ft
IZDELOVALNIK 1 m

Code / Koda: [illegible]
Weight / Teža: [illegible]

FORMWORK OIL
GRAŽNO OLJE

Code / Koda: [illegible]
Weight / Teža: [illegible]

EPIC ECO SKY WOOD / LESENI

KOMPOZITNI STROPNI OPAŽ EPIC ECO SKY WOOD / LESENI S PODPORNIKI, LESENIMI NOSILCI IN OPAŽNIMI ELEMENTI EPIC ECO

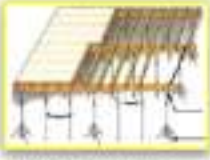
Z EPIC ECO SKY WOOD / LESENI opažamo stropne plošče do debeline **50 cm.**

COMPOSITE EPIC ECO SKY WOOD WITH PROPS, WOODEN BEAMS AND COMPOSITE PIECES EPIC ECO

*With EPIC ECO SKY WOOD we can manufacture concrete plates with thickness up to **50 cm / 20 inch**.*

Kompozitni sistemi EPIC ECO SKY WOOD / LESENI predstavljajo način za zmanjšanje stroškov vsem gradbenikom in nudijo rešitev za povečanje konkurenčnosti vsem samostojnim gradbenim podjetnikom ter vsem malim, srednjim ter velikim gradbenim za opažanje stropov.

The composite systems EPIC ECO provide means for lowering of cost for all building contractors and present a solution for increasing the competitiveness for all independent construction businesses, and all small, medium size and large construction companies for ceilings.



Opažanje stropov s sistemi EPIC ECO SKY WOOD / LESENI predstavljajo novost in revolucijo pri opažanju stropov, saj z uporabo teh sistemov koristimo zmanjšano stroškik lesa - odpade uporaba klasičnih lesenih opažnih plošč za opažanje stropov.

The panelling of ceilings with EPIC ECO SKY WOOD represents a novelty and revolution in ceiling systems, for they considerably lower the cost of wood by using the system - there is no cost of shuttering wooden panels for ceiling panelling.

COMPONENTS OF CEILING SYSTEM EPIC ECO SKY WOOD

ELEMENTI STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY WOOD / LESENI

EPIC ECO STRONG 27,5 x 50 cm
ELEMENT ECO STRONG 70 x 140 cm

Code / Koda: 62000
Weight / Teža: 45,0 lb / 20,7 kg

EPIC ECO 15,7 x 15 in
ELEMENT ECO 60 x 140 cm

Code / Koda: 62000
Weight / Teža: 28 lb / 12,80 kg

EPIC ECO 27,5 x 50 in
ELEMENT ECO 70 x 140 cm

Code / Koda: 62001
Weight / Teža: 42 lb / 19,20 kg

EPIC ECO 15,7 x 15 in
ELEMENT ECO 60 x 140 cm

Code / Koda: 62000
Weight / Teža: 24 lb / 10,92 kg

PREFEED ECO 11,8 x 11 cm
ELEMENT ECO 30 x 140 cm

Code / Koda: 02007
Weight / Teža: 16,5 lb / 8,42 kg

TRIPOD PVC
PRONOZEC PVC

Code / Koda: 000001
Weight / Teža: 28,3 lb / 13,3 kg

PREFEED ECO 13 x 13 cm
ELEMENT ECO 30 x 140 cm

Code / Koda: 02009
Weight / Teža: 12,1 lb / 5,37 kg

PREFEED PVC 6,4 - 11,1 ft
PODPORNIK PVC 210 - 350 cm

Code / Koda: 000006
Weight / Teža: 33 lb / 15 kg

PREFEED ECO 27,3 x 27,3 cm
ELEMENT ECO 70 x 70 cm

Code / Koda: 02010
Weight / Teža: 16,7 lb / 7,60 kg

PULL TAKING DOWN ELEMENT
ELEMENT ZA NATEGNJANJE

Code / Koda: 02008
Weight / Teža: 2,3 lb / 1,06 kg

PREFEED ECO 11,8 x 27,3 cm
ELEMENT ECO 30 x 70 cm

Code / Koda: 02017
Weight / Teža: 8 lb / 3,70 kg

COMPENSATION PIECE 2 x 27,3 cm
KOMPENZACIJSKI ELEMENT 5 x 70 cm

Code / Koda: 02003
Weight / Teža: 3 lb / 1,40 kg

WOODEN BEAM 1 ft - 2 ft - 3 ft - 4 ft
LESENA NOSILEC 1 ft - 2 ft - 3 ft - 4 ft

FORK
VILICA

Code / Koda: 000040
Weight / Teža: 4,4 lb / 2 kg

GUARD FOR WOODEN BEAM
HANDLE FOR WOODEN BEAM

Code / Koda: 000050
Weight / Teža: 2,2 lb / 1,02 kg

PIVOT
KLIN

Code / Kode: 62030
Weight / Teže: 0,26 lb / 0,12 kg

2 HOLES PIVOT
KLIN POGALŽAR

Code / Kode: 62031
Weight / Teže: 0,46 lb / 0,21 kg

3 HOLES PIVOT
KLIN POGALŽAR 3

Code / Kode: 62036
Weight / Teže: 0,13 lb / 0,47 kg

WEDGE
ZAKLJUČA

Code / Kode: 62032
Weight / Teže: 0,55 lb / 0,24 kg

WASHER
OBLOŽKA

Code / Kode: 62037
Weight / Teže: 0,008 lb / 0,004 kg

WEDGE EXTRACTOR
KLJUČ ZA ZAKLJUČE

Code / Kode: 62200
Weight / Teže: 3,5 lb / 1,59 kg

BRACE FOR SIDE PANEL
SPONA ROGELA

Code / Kode: 62040
Weight / Teže: 2,26 lb / 1,08 kg

BRACE K
ZAKLJUČAK

Code / Kode: 62022
Weight / Teže: 0,34 lb / 0,155 kg

CORNER
SPONAK STORE KOTLOV

Code / Kode: 62008
Weight / Teže: 0,74 lb / 0,335 kg

CLAMP
PRIMEŽ STORE NOSILCA

Code / Kode: 62074
Weight / Teže: 0,61 lb / 0,28 kg

CLAMP BLOCKING PIN
ZAVIČJA PRIMEŽ

Code / Kode: 62071
Weight / Teže: 0,06 lb / 0,02 kg

SPRING CLAMP
ZAVIČJA PRIMEŽ

Code / Kode: 62023
Weight / Teže: 0,00 lb / 0,007 kg

CLAMP FOR TEE PANEL - WITH
WEDGE K
SPONA ROGELJ - KOMPLET

Code / Kode: 62004
Weight / Teže: 5,30 lb / 2,40 kg

USER PLUS SUPPLEMENT MATERIAL EPIC ECO

POTROŠNI IN DODATNI MATERIAL EPIC ECO

PLUG DIAMETER 18
ČEP 18

Code / Kode: [illegible]
Weight / Teža: [illegible]

ROSETTE 8,5x4 m
ROZETA 22 mm

Code / Kode: [illegible]
Weight / Teža: [illegible]

BORER Ø 4,0/11 m
VRTALNIK Ø 2,0/20 mm

Code / Kode: [illegible]
Weight / Teža: [illegible]

RUBBER PLUG 8,5x4 m
GUMA ČEP 22 m

Code / Kode: [illegible]
Weight / Teža: [illegible]

PUMP FOR APPLYING ECO2
BRIZGALNICA ZA NANAŠANJE ECO2

Code / Kode: [illegible]
Weight / Teža: [illegible]

PLUG FOR ROSETTE 1000 pcs
ČEP ZA ROZETO 1000 kos

Code / Kode: [illegible]
Weight / Teža: [illegible]

PRODUCT FOR REPAIRING ECO 3
PRODUKT ZA POPRAVILO
GUMA ECO 3

Code / Kode: [illegible]
Weight / Teža: [illegible]

DISTANCE WITH ROSETTE
[illegible]
DISTANČNIK Z ROZETO
[illegible]

Weight / Teža: [illegible]

ACID FOR CLEANING ECO2
KISLINA ZA ČIŠČENJE ECO2

Code / Kode: [illegible]
Weight / Teža: [illegible]

RUBBER HAMMER
GUMENO KLADIVO

Code / Kode: [illegible]
Weight / Teža: [illegible]

PLASTIC TUBE 1 x 0,06 ft
IZDELOVALNIK 1 x [illegible]

Code / Kode: [illegible]
Weight / Teža: [illegible]

FORMWORK OIL
OPAŽNO OLJE

Code / Kode: [illegible]
Weight / Teža: [illegible]

EPIC ECO PANEL MAINTENANCE

VZDRŽEVANJE EPIC ECO OPAŽA

- *Panels must be cleaned after every use*
- *Grease front and back side with formwork oil*
- *Do not scratch panels on concrete*
- *Nails and screws may be used (nail length max. 5 cm, width max 2,7 mm)*
- *Cleaning the panels with high pressure cleaner*
- *Clean the back side with water immediately after the concrete is poured into the formwork*

- *Close unused holes (Dwalin screws with plug)*
- *Use only rubber hammer and tool kit, to assembly and disassembly*
- *Always use gloves, helmet, overall and working shoes*
- *During disassembly always take care not to damage material in the supplied wood.*
- *Store panels on wooden beams with the back side down*
- *When returning panels place them on the pallets*
- *Any changing of panel dimensions (cutting, drilling...) prohibited*
- *Up to four elements may be moved together (they are fastened with clamps)*

- uvod je priporočeno po vsaki uporabi redno vzdržuje
- premazovanje poskrbi, da beton deluje s opažnim oljem
- ne drsati z opaži po betonu
- uporaba žebljev in vijakov (max. dolžina 5 cm, max. debelina 2,7 mm)
- čiščenje opaža z vodom
- takoj po izpostavitvi betona v opaž z vodo očistite hrbtno stran
- potrebno zapreti morebitne luknje za dvalin vijake (na opaža s lesom)
- pri montaži in demontaži uporabljati samo gumi kladivo in kompl. kos
- ravnina uporaba mazut, tekoče betonske obloge ter betonske mazive
- pri demontaži betona zhranjujemo vsakega materiala v za to predvideno posodo
- med razmi razdvajanja zhranjujemo opaža na ravne mostove z hrbtno stranjo navzdol
- pri vrtlju upoštevati dogovore opaža na palete
- prepovedano kakršnokoli spreminjanje oblike opaža (rezanje, vrtanje..)
- dovoljeno ponatlanje 4 elementov skupaj v vertikalni in na vodoravni ravni

HOW TO REPAIR DAMAGED EPIC ECO FORMWORK SURFACE

KAKO POPRAVITI POŠKODOVANO POVRŠINO EPIC ECO OPAŽA

1.)Clean the dirt of the damage part.
Očistimo umazanijo na poškodovanem delu.

2.)Use angle grinder to grind edges 45 degrees or more.
Uporabimo kotno brusilko za brušenje robov pod kotom 45 stopinj ali več.

3.)Use random orbit sander to clean the rough edges and around them.
Uporabimo orbitalno brusilko za čiščenje ostrih robov in okoli njih.

4.)Seal the hole with masking tape from the top of element surface.
Zalepimo masolni trak na zgornji površini elementa.

5.)Turn the element and clean around the hole with tape sander.
Obrnemo element in ga okoli luknje očistimo z brusilnim trakom.

6.)Use EPIC ECO repair kit, manual instructions inside.
Uporabimo EPIC ECO kit za popravilo, navodila priložena.

7.)Fill the hole with pitch mixture compound.
Napolnimo luknjo z popravljeno melaniso smolo in trdilca.

8.)Cut fibers on pieces.
Narežemo vlakna na manjše kose.

9.)Fill the hole with fibers.To do that better ,hole must be removed from back surface.(working table)
Napolnimo luknjo z vlakni.Da si lažje napolnil moramo luknjo odmaknili od podlage.(delovna miza)

10.)One more time pitch mixture component.
Se enkrat prelijemo z mešanico smole.

11.)Put over the top liner piece bigger than hole.
Preko luknje položimo kos vlakna večji ,kot je luknja.

12.)Now across all put pitch mixture component again and wait until it dries.
Čez vse skupaj prelijemo zopet mešanico smole, in počakamo dokler se ne posuši.

13.)After it dries, put down the masking tape.
Ko se posuši, odstranimo maskirni trak.

14.)Appearance after the removal of masking tape.
Izgled po odstranitvi maskirnega traku.

15.)On the end just clean with random orbit sander.
Na koncu le očistimo z orbitalno brusilko.

TEHNICAL DATA

TEHNIČNI PODATKI

EPIC ECO® formwork system patent pending worldwide
EPIC ECO® opalni sistem zaščiten s patentom po svetu

TABLE OF CONCRETE PANELLING POURING-TIME ECO 1200 psf
TABELA ZA ČAS POLNITVE BETONSKEGA OPRŽA ECO 60 kN/m².

1 - POURING HEIGHT: UP TO 1.6 M / 5,25 ft - WITHOUT LIMITATIONS
MAXIMUM POURING CAN BE CARRIED OUT WITHOUT ANY LIMITATIONS WHATSOEVER
1 - VIŠINA POLNITVE DO 1,6 M - NI OMEJITEV
POSSIBILITA DI POLNITVE CON ALCUNA VARIAZIONE NELL'ORDINARIO ORDINE

2 - POURING HEIGHT: ABOVE 1.6 M / 5,25 ft
2 - VIŠINA POLNITVE NAD 1,60 M

NORMAL TEMPERATURE RANGE: 20° F TO +40°F
NORMALNA TEMPERATURA: 0°C DO +40°C

POURING VELOCITY:
MUST BE LOWER THAN 2,5 m / 8,2 ft PER HOUR
INTEGRITY WITH OF LOW RETURN WAVE

MAXIMUM CONCRETE PANELLING OF 2,8 M / 9,19 ft HEIGHT CAN BE POURED IN A TIME LASTING NO LESS THAN 45 MINUTES
POMPA DI BETONAGGIO CON PUTTINE 2,8 m Lunghezza
MAXIMUM VISINA DI 2,8 M AVALSKI TIP 45 MINUT

NORMAL TEMPERATURE RANGE: 14° F TO +104°F
NORMALNA TEMPERATURA: -10°C DO +40°C

POURING VELOCITY:
MUST NOT BE LOWER THAN 2,5 m / 8,2 ft PER HOUR
INTEGRITY WITH OF LOW RETURN WAVE

MAXIMUM CONCRETE PANELLING OF 2,8 M / 9,19 ft HEIGHT CAN BE POURED IN A TIME LASTING NO LESS THAN 90 MINUTES
PAMPA DI BETONAGGIO CON PUTTINE 2,8 m Lunghezza
MAXIMUM VISINA DI 2,8 M AVALSKI TIP 90 MINUT

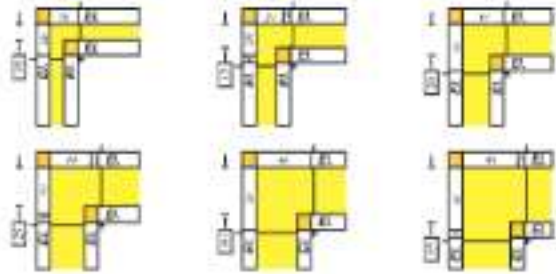
APPLIED TO ALL TYPES OF CONCRETE GROUP FOR THE LOWER LIMIT - SELF LEVELLING SUPERFLUIDO - AUTOCOMPLANTE - SCC
PER ALCUNI ALTRI TIPI BETONI, PLEASE CONTACT OUR TECHNICAL DEPARTMENT - SUPERFLUIDO - AUTOCOMPLANTE - SCC

3 - CONCRETE, SUPERFLUID - SELF LEVELLING (SS)
USING THIS TYPE OF CONCRETE REDUCES POURING TIME FROM **2,2 m / 10 ft TO 2,0 m / 6,2 ft PER HOUR**
AND FROM 2,9 m / 9,5 ft TO 2,3 m / 7,5 ft PER HOUR
3 - BETON, SUPERTEKOČ - SAMOZAKRAVALNI (SS)
CON UTILIZZO DI UN CALCESTRUZZO AUTOCOMPLANTE **2,20 M PER 2,30 MIN 2,90 M PER 2,19 M AVALSKI**

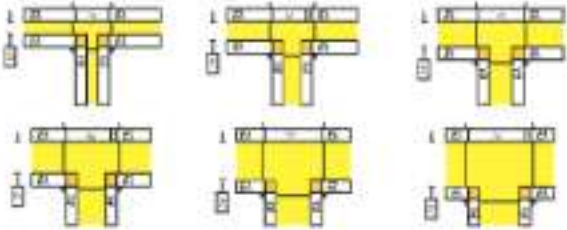
COMMENTS / OPOMBE
1 - POURING SHOULD BE CARRIED OUT WITHOUT INTERRUPTIONS
1 - POLNITEV IZVAJATI BREZ PREKINITVE
2 - FRESH CONCRETE MIXTURE SHOULD BE TAKEN INTO ACCOUNT AT THE HIGH DENSITY VALUE
2 - PRI MIŠANJU SVEŽEGA BETONA UPOŠTEVAMO VISOKO VREDNOST BETONA

RECOMMENDATION / NASVET
POURING TIME CAN BE REDUCED BY MEANS OF POURING A LESS FLUID MIXTURE AND PROCEEDING WITH A CONCRETE FLUIDIFY CHEMICAL ADDITIVE FOR SUBSTITUTION. FOR EXAMPLE: SUPERPLASTICIZING HIGH TO POUR PUMPA HEIGHT OF 28 m / 91 ft TO REDUCE THE POURING TIME, YOU CAN POUR A LESS FLUID CONCRETE MIXTURE ON UP TO 1,2 m / 4 ft HIGH AND THEN POURING THE REMAINING 1,6 m / 5,25 ft WITHOUT OBSERVING ANY TIME LIMITATIONS
CAN TRANSFORMA IL VALORE DI VISCOSITÀ DEL CALCESTRUZZO PER UTILIZZARE UNA MINORE QUANTITÀ DI ADDITIVO. AD ESEMPIO: MEDIANTE UTILIZZO DI UN ADDITIVO SUPERFLUIDO PER VARIARE IL BETONE PRIMA PRESO IN ANALISI IN MODO DI POMPA PUMPA DI VISINA 28 M DA 91 FT PER RIDURRE LA DURATA DI POMPA DI UN PRIMO PRODOTTO MENO DENSO DI 1,2 M / 4 FT DI ALTEZZA E CON IL RESTANTE 1,6 M / 5,25 FT SENZA RISPETTARE ALCUNA LIMITAZIONE DI TEMPO

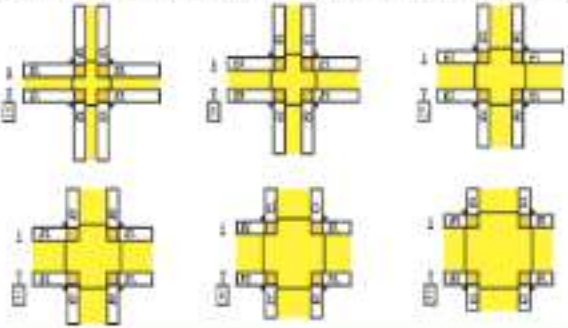
CORNER: 4 - 6 - 7,5 - 9,0 - 11,0 - 12,7 m **KOTI:** 10 - 15 - 20 - 25 - 30 - 35 cm



T SHAPED WALLS: 4 - 6 - 7,5 - 9,0 - 11,0 - 12,7 m **ZIDOVI NA T:** 10 - 15 - 20 - 25 - 30 - 35 cm

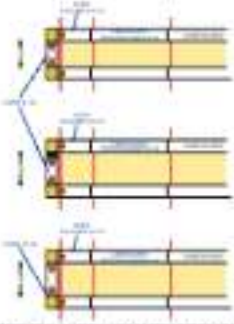


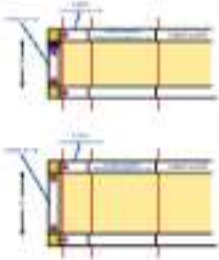
CROSS SHAPED WALLS: 4 - 6 - 7,5 - 9,0 - 11,0 - 12,7 m **KRIŽNI ZIDOVI:** 10 - 15 - 20 - 25 - 30 - 35 cm



PANELLING FINISH: 6 - 6 - 7,6 - 9,6 - 11,8 - 13,7 in

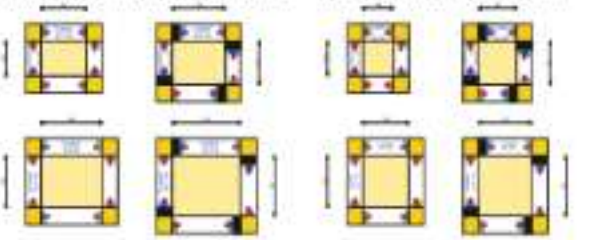
ZAKLJUČEK OPAŽA: 10 - 15 - 20 - 25 - 30 - 35 cm



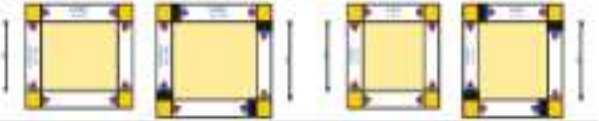


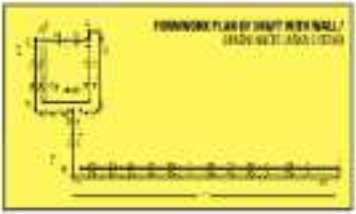
RECTANGULAR PILLARS / STEBRI PRAVOKOTNI

SQUARE PILLARS / STEBRI KVADRATNI



RECTANGULAR PILLARS / STEBRI PRAVOKOTNI

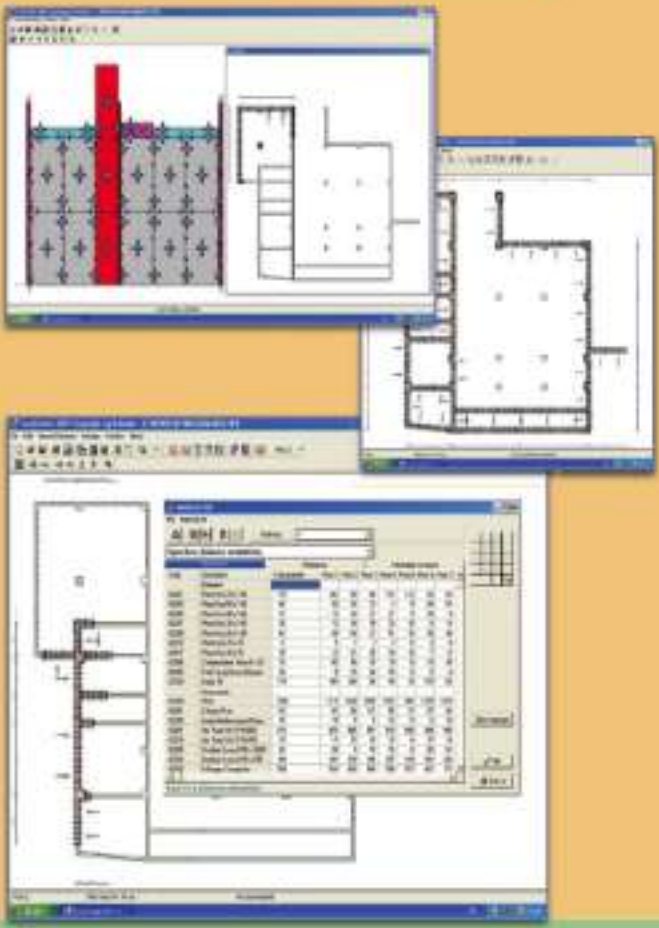




LEGEND / LEGENDA

EXAMPLES OF FORMWORK PLANS WITH EPIC ECO SOFTWARE

PRIMERI OPAŽNIH NAČRTOV Z EPIC ECO PROGRAMOM



EXAMPLE OF SPECIFICATION EPIC ECO FOR 1076 sqf - FOUNDATIONS

PRIMER SPECIFIKACIJE OPLATA EPIC ECO ZA 100 m² - TEMELJI

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	9	[illegible]	[illegible]	-	[illegible]	[illegible]
	10	[illegible]	[illegible]	-	[illegible]	[illegible]
	11	[illegible]	[illegible]	-	[illegible]	[illegible]
	12	[illegible]	[illegible]	-	[illegible]	[illegible]
	13	[illegible]	[illegible]	-	[illegible]	[illegible]
	14	[illegible]	[illegible]	-	[illegible]	[illegible]
	15	[illegible]	[illegible]	-	[illegible]	[illegible]
	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	17	[illegible]	[illegible]	-	[illegible]	[illegible]
	18	[illegible]	[illegible]	-	[illegible]	[illegible]
	19	[illegible]	[illegible]	-	[illegible]	[illegible]
	20	[illegible]	[illegible]	-	[illegible]	[illegible]
	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	24	[illegible]	[illegible]	-	[illegible]	[illegible]
	25	[illegible]	[illegible]	-	[illegible]	[illegible]
	26	[illegible]	[illegible]	-	[illegible]	[illegible]
	27	[illegible]	[illegible]	-	[illegible]	[illegible]
	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	29	[illegible]	[illegible]	-	[illegible]	[illegible]
	30	[illegible]	[illegible]	-	[illegible]	[illegible]

EXAMPLE OF SPECIFICATION EPIC ECO FOR 1076 sqf - WALLS STRONG

PRIMER SPECIFIKACIJE OPAŽA EPIC ECO ZA 100 m² - STENE STRONG

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

EXAMPLE OF SPECIFICATION EPIC ECO FOR 1076 sqf - WALLS

PRIMER SPECIFIKACIJE OPAŽA EPIC ECO ZA 100 M² - STENE

	Item	Code	Element	Dimension	Weight	Qty. of pieces
	ID	Kodo	Artikel	Dimenzija	Teža	Kosov
PRIMER ECO - ELEMENT ECO	1	[illegible]	PRIZ ECO 40 x 140 ELEMENT ECO 40 x 140	40 x 140 cm 40 x 140 cm	10 lb 4,6 kg	10
	2	[illegible]	PRIZ ECO 40 x 140 ELEMENT ECO 40 x 140	40 x 140 cm 40 x 140 cm	10 lb 4,6 kg	4
	3	[illegible]	PRIZ ECO 40 x 140 ELEMENT ECO 40 x 140	40 x 140 cm 40 x 140 cm	10 lb 4,6 kg	4
	4	[illegible]	PRIZ ECO 20 x 140 ELEMENT ECO 20 x 140	20 x 140 cm 20 x 140 cm	5,5 lb 2,5 kg	4
	5	[illegible]	PRIZ ECO 20 x 140 ELEMENT ECO 20 x 140	20 x 140 cm 20 x 140 cm	5,5 lb 2,5 kg	4
	6	[illegible]	PRIZ ECO 20 x 70 ELEMENT ECO 20 x 70	20 x 70 cm 20 x 140 cm	3,5 lb 1,6 kg	4
	7	[illegible]	PRIZ ECO 20 x 20 ELEMENT ECO 20 x 20	20 x 20 cm 20 x 20 cm	1,5 lb 0,7 kg	4
ACCESSORIES FOR ELEMENTS - TRAVERSES ELEMENTS	8	[illegible]	ANGLE 90 90 DEG ELEMENT 90	7,5 x 7,5 cm 7,5 cm	1,7 lb 0,8 kg	20
	9	[illegible]	ANGLE JOINT POVEZALEC ZA KOTNIK ELEMENTI		2,2 lb 1,0 kg	10
	10	[illegible]	TRIANGULAR CONNECTOR TRIKOTNI PRIMEK A		1,7 lb 0,8 kg	111
	11	[illegible]	TRIANGULAR CONNECTOR TRIKOTNI PRIMEK B		1,1 lb 0,5 kg	90
	12	[illegible]	FLAT TIMBER CONNECTOR ELEMENT ELEMENT ZA MEDSEBNO ZVEZO		3,3 lb 1,5 kg	4
	13	[illegible]	PIN BUN		0,25 lb 0,1 kg	100
	14	[illegible]	[illegible] [illegible]		5,4 lb 2,45 kg	20
	15	[illegible]	WEDGE ZAGOZDA		0,9 lb 0,4 kg	100
	16	[illegible]	CONNECTOR FOR ECO 140 x 70 KONEKTOR ZA ECO ELEMENT 140 x 70	140 x 70 cm 140 x 70 cm	3,9 lb 1,8 kg	4
	17	[illegible]	WEDGE EXTRACTOR IZVLEČ ZA ZAGOZDO		1,1 lb 0,5 kg	1
	18	[illegible]	PLANK HANGER 90 OPI 90		0,9 lb 0,4 kg	100
	19	[illegible]	FLAT PLATE CONNECTOR 1 [illegible] ELEMENTSKA SPONA 1 [illegible]		1,8 lb 0,8 kg	111
	20	[illegible]	FLAT PLATE CONNECTOR 1 [illegible] ELEMENTSKA SPONA 1 [illegible]		0,9 lb 0,4 kg	30
	21	[illegible]	CORNER CONNECTOR 1 [illegible] CORNER PLATE 1 [illegible]	15 x [illegible] 15 cm	1,1 lb 0,5 kg	140
	22	[illegible]	CORNER CONNECTOR 1 [illegible] CORNER PLATE 1 [illegible]	15 x [illegible] 15 cm	2,1 lb 1,0 kg	90
	23	[illegible]	CORNER CONNECTOR 1 [illegible] CORNER PLATE 1 [illegible]	15 x [illegible] 15 cm	2,1 lb 1,0 kg	70
	24	[illegible]	[illegible] FOR ANGLE 90 ODBOJNIK ZA KOTNIK ELEMENTE		1,1 lb 0,5 kg	90
	25	[illegible]	COVER FOR ANGLE 90 PRIMER ZA KOTNIK ELEMENTE		0,7 lb 0,3 kg	4
	26	[illegible]	PLATE ROD PLATO DO ZAPO		2,9 lb 1,3 kg	10
	27	[illegible]	RUBBER HAMMER GUMIJA KLADIVO		1,1 lb 0,5 kg	1
	28	[illegible]	[illegible] [illegible]	20 x [illegible] [illegible]	17,5 lb 7,9 kg	111
	29	[illegible]	[illegible] [illegible]		14,9 lb 6,7 kg	1
	30	[illegible]	[illegible] [illegible]		9,9 lb 4,5 kg	100

EXAMPLE OF SPECIFICATION EPIC ECO FOR 1076 sqf - CEILING
PRIMER SPECIFIKACIJE OPAŽA EPIC ECO ZA 100M² - STROP

EPIC - ECO DRY SPEED					
Br. No.	Šifra Code	Artikl Element	Dimenzije Dimension	Teža Weight	Tehnoloski Nivo of phase
1	62101	ELEMENT ECO 70 X 140 PREC ECO 70 x 140	70 X 140 cm 27.5 x 55 inch	19.30 kg 42.5 lb	84
2	62104	ELEMENT ECO 50 X 140 PREC ECO 50 x 140	50 X 140 cm 19.7 x 55 inch	13.6 kg 29 lb	8
3	62105	ELEMENT ECO 40 X 140 PREC ECO 40 x 140	40 X 140 cm 15.7 x 55 inch	10.82 kg 24 lb	8
4	62107	ELEMENT ECO 30 X 140 PREC ECO 30 x 140	30 X 140 cm 11.8 x 55 inch	8.42 kg 18.5 lb	8
5	62104	ELEMENT ECO 20 X 140 PREC ECO 20 x 140	20 X 140 cm 7.9 x 55 inch	5.57 kg 12.3 lb	8
6	62113	ELEMENT ECO 70 X 70 PREC ECO 70 x 70	70 X 140 cm 27.5 x 55 inch	7.48 kg 16.7 lb	4
7	62117	ELEMENT ECO 30 X 70 PREC ECO 30 x 70	30 X 70 cm 11.8 x 27.5 inch	3.76 kg 8.3 lb	4
8	62118	ELEMENT ZA NADZIDAVANJE FAST TAKING DOWN ELEMENT	-	3.70 kg 8.2 lb	13
9	62160	KLIN WEDGE	-	0.13 kg 0.28 lb	200
10	62161	KLIN PODALJŠAN LONGER WEDGE	-	0.21 kg 0.46 lb	30
11	62150	ZAGVOZDK WEDGE	-	0.04 kg 0.09 lb	300
12	62151	KOMPENZACIJSKI ELEMENT S COMPENSATION PIECE S	5 X 70 cm 1.96 x 27.5 inch	1.46 kg 3.2 lb	1
13	62209	KLIN ZA ZAGVOZDK WEDGE EXTRACTOR	-	1.59 kg 3.5 lb	1
14	60000	ČEP 20 PLUG DIAMETER 20	-	0.002 kg 0.004 lb	150
15	ACP	PLASTIČNA ZAŠČITA PLASTIC BOX	-	1.80 kg 3.96 lb	8
16	62161	EPIC ECO DRY SPEED	121 cm 47.6 in	0.58 kg 1.3 lb	120
17	62162	ECO CEP SPEED SPEED DOWEL	-	0.001 kg 0.002 lb	200
18	00000	PODPORNIK PROP	270 - 300 cm 9.9 - 11.5 ft	10 kg 22 lb	140
19	00040	TEHNIČNI TAPES	-	13.3 kg 30.3 lb	5
	90100	GUMIJAST KLADIVO RUBBER HAMMER	-	2.2 lb 1 kg	1
	90170	ZAMAZNO OLJE SPRAYING OILIP	-	38 lb 17.2 kg	1
	62164	SQUARE FOR SIDE PANEL - WITH WEDGE & UPORNA NOSILCA KOMPLET	-	5.25 lb 2.40 kg	10

PROGRAMME OF SAFETY AT WORK MEASURES FOR PANELLING EPIC ECO

To ensure the safety of workers working with the EPIC ECO composite panels, it is necessary to consider technological and safety at work measures.

The programme of safety at work measures is a constituent part of the technological project, which is made by the technologist for each individual project.

GENERAL

Workers' health and professional aptitude

Workers working with EPIC ECO panelling must meet the following conditions:

- Physical and mental capacity for such work (health certificate from the appropriate health authorities),
- At least one year of experience in building construction,
- Appropriate training on the work procedures and the programme,
- Appropriate training on the custom of safe load hooking and signalling the communication in the transport of panels and concrete.

Tasks of persons in charge:

The handling of EPIC ECO panelling is managed and is supervised by appropriately trained workers based on the frame-work from the technological project and the programme of measures for safety at work.

Construction site manager:

- Checks whether all measures planned in the construction site project have been carried out,
- Ensures that work is carried out in accordance with the technological project and this programme,
- Determines the schedule of panelling,
- Oversees the use of equipment in accordance with regulations on safety at work.

Foreman:

- Informs the workers before the start of work about the procedures and their tasks, with emphasis on dangers at work and the safest way to do the job,
- Guarantees that panelling is done only by appropriately trained workers,
- Guarantees that workers use all the prescribed equipment for safety at work,
- Oversees the panelling, which must be carried out in accordance with the technological project.

Safety at work equipment:

Workers must use the following equipment for personal protection:

- shoes (impact safety, with sole for PVC, wet and rubber soles),
- work clothing,
- helmet,
- gloves.

Weather conditions

Work must be halted when the weather conditions compromise safety. Dangers include strong wind, fog, very low temperatures and rain.

In windy conditions the crane operator must halt work when wind speeds reach 60 km/h, when the turning of the crane is hindered and the carrying loader starts to have trouble coping with the wind.

TRANSPORT

Lorry transport

Panels are transported in disassembled form. During transport the panels may not exert pressure on the sides of the lorry. They must be tied to the lorry to prevent movement.

Crane

The crane must have appropriate load and reach capacity.

The height and reach of the crane must be entered in the construction site scheme.

The crane must be inspected prior to the start of works.

The construction site management must determine the appropriate number of signallers (who hook the loads) for communication with the crane manager.

The hooking equipment must be flawless and manufactured in accordance with regulations.

The hooks must be equipped with safety latches and the metal cables must have a 6x safety quotient.

DESCRIPTION OF EPIC ECO PANELS

General

The EPIC ECO composite formwork panels are used for the concrete formations of walls, pillars, shafts and ceilings. They consist of a relatively small number of elements, which makes them useful for a large variety of ground plans and heights. EPIC ECO elements are inter-compatible and can be used for vertical as well as horizontal formwork.

The elements are connected with locks on the horizontal plan and with Dreibolzen hook and bolts on the opposite side. The basic elements are 146 cm high. For higher walls horizontal and vertical elements of different widths are added.

Technical properties:

The elements are made of a composite of PE, TG and PVC. In the building of panels assembled from several elements, the vertical connections must be reinforced with horizontal ties.

Use of panels:

The use of the panels requires from workers that they consider the safety at work requirements and carry out regular maintenance.

Before the pouring of concrete it is necessary to spread the front and back sides of the panels with high-quality formwork oil.

The surfaces on which the panels are placed must be completely flat.

Once the height of the wall exceeds 300 cm / 9,8 ft it is necessary to consider extra instructions and calculations for the pouring stress.

In any case the maximum thickness of the concrete pouring not exceed 1,16 cm / 3,8 ft. The entire formwork is filled with concrete in this height.

where spacer than are: 1.90 cm / 3,28 ft spacer may be added.

Parameters which affect concrete pressure in the formwork:

- pressure or absence of vibration
- speed with which concrete level rises at pouring

The rate of the concrete level depends on the depth at which the pressure of concrete on the element is the highest. The temperature of concrete is important, so values are given depending on the temperature.

Example: At a depth of 3,40 m / 10,9 ft pressure is 4,900 kg/m² - 980 psf during normal pouring and 6,700 kg/m² - 1,350 psf during vibrating pouring. EPIC ECO elements are designed for pouring with the maximum pressure of 5,000 kg/m² - 1,000 psf.

EPIC ECO ECOLUMN

The design of formwork is quick and easy with the universal elements, which can easily be adjusted to different dimensions. The maximum dimension of the pillar is 90x90 cm / 2,8 x 2,8 ft.

The height of the pillar formwork is increased with 140 cm / 4,6 ft or 70 cm / 2,3 ft elements. Pillars require bracing props or two legged props in two perpendicular directions.

ONE-SIDED TWO LEGGED PROPS

Props are used for all types of panelling for the formation, support and regulation of wall panels. They are placed 300 cm / 9,10 ft apart so that there is one prop per each assembled element. The props are mounted on the side of the panel where the scaffolding is. The side is put up first. With the help of two-legged prop the panelling is adjusted vertically. Two-legged props must be equipped with washers and special bolts and bolted into concrete. If this is impossible, they are bolted to concrete blocks of appropriate weight.

Before the use of EPIC ECO panelling elements:

- Check that all panels and wedges are in essential in the four corner panelling holes on the panelling element except for the two external holes which connect the panelling with vertical and horizontal elements.
- Check whether the panels for the holes are in place and fixed.
- Check whether the angle and panel elements are fixed in place.
- CAUTION! For heights exceeding 180 cm / 5,90 ft the component must not be more than 72 cm / 2,36 ft apart.

Before inserting the Dywidag bolt it is necessary to check that the bolt and nut are flawless.

- The bolt is secured in place with a washer and nut on each side.
- Always check that the washers and nuts are tightly screwed in.
- The Dywidag bolt must stick out of the bolt at least 3 cm / 1 in on each side.
- If using the aligner wedges and clamps, make sure they are flush and tightly secured in the element.
- To fill panelling elements use one aligner per three elements. Before each filling check the condition of the aligner.

Maintenance

After each pouring the panel elements and additional equipment must be cleaned of concrete. Use appropriate formwork oil.

PROTECTING WORKERS FROM FALLS

The panels have integrated consoles for scaffolding, mobile hand-bearing scaffolding and tubular scaffolding.

The scaffolding must be manufactured in accordance with the regulations on construction safety.

The floor of the scaffold must be 60 cm (23,6 in) wide, made of antiskid boards, 2 cm (0,8 in) thick planks, with a fence of one minimum height of 100 cm (3,28 ft) with two guardrails (an additional one may be no more than 60 cm / 1,7 ft apart) 30 cm (1 in) high made of metal.

The floor must have an edge plank minimum 20 cm / 7,8 in high.

Workers may work with panelling and concrete only from a scaffold.

DISPOSAL OF EPIC ECO PANELS

After disassembly the panels are transported in a storage site where they are checked and grouped with formwork oil. The condition of the additional equipment is checked. In place with a high probability of pieces of wood or when wind pounds the stability of the panels, the panels must be protected from falling over. The panels are typically stored horizontally on top of one another with wooden beams in between.

PROGRAM UKREPOV IZ VARSTVA PRI DELU Z OPAŽI EPIC ECO

Za le uspešnih [illegible] uporabi EPIC ECO, je potrebno, poleg ukrepov i podrobno [illegible] na [illegible] dela.

Program ukrepov za varno delo je sestavni del tehnološkega projekta, ki ga izdela tehnolog- [illegible] na terenu izvajali.

SPLOŠNO

Ukrepanje za izboljšanje [illegible] delovnega.

Delavci, ki delajo z napravo EPIC ECO, morajo opravljati [illegible] programu:

- [illegible] delo, ki mora [illegible] varnostno delo, [illegible] ustrezno [illegible] na [illegible] delu.
- [illegible] ustrezno [illegible] delovni [illegible], pri delu v predvidenem [illegible] gradbišču.
- [illegible] na [illegible] pri [illegible] v [illegible] programu.
- [illegible] v [illegible] [illegible] in [illegible] na [illegible] delu.

Varnega odpremanja nazaj:

Delo z napravo EPIC ECO [illegible] na [illegible] delovnega [illegible] na [illegible] delu.

Odgovorni za delo dal:

- preveri, ali so pred pričetkom del izvedeni vsi ukrepi predpisani v [illegible] gradbišču.
- [illegible] v [illegible] [illegible] v [illegible] programu.
- [illegible]

Delavcu:

- pred pričetkom del varnostno delovno [illegible] delu [illegible]

[illegible]

[illegible]

[illegible]

TRANSPORT

Transport [illegible]

[illegible]

Žerjav

[illegible]

[illegible] EPIC ECO

Splošno

[illegible]

[illegible]

[illegible]

[illegible] EPIC ECO

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EPIC PROPS/*EPIC PODPORE* DIN EN 1065 CLASS A

Prop following the norm UNI EN 1065, designed for small size building sites.

Steel grade S235JR following UNI EN 10219-1/2.
Inner tube Ø 48,3 mm, outer tube Ø 57 mm.

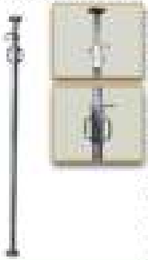
Dip painting, with minimum durability following the ASTM D 2247-87 tested in moist room;
Colour: Gentian Blue;
Hot dip galvanization: thickness guaranteed min. 50 µm, following UNI EN 40.

Adjustment: steel or cast iron sleeve;
Capacity loads certified;
Anti hand trap;
Permanent prevention against unintentional disengagement;
Unlosable pin rounded ending;
Max extension: 2900 mm - 4400 mm.

DIN EN 1065;
UNI EN 128-2/1996;
MPA BAU (Technische Universität München - Baustoffe Abteilung Stahlbau).

EPIC PROPS/*EPIC PODPORE* DIN EN 1065 B

High capacity load, available in many models and two different regulation systems.



Steel grade S235JR following UNI EN 10219-1/2.
Inner tube Ø 48,3 mm, outer tube Ø 57 mm.

Dip painting, with minimum durability following the ASTM D 2247-87 tested in moist room;
Colour: Gentian Blue;
Hot dip galvanization: thickness guaranteed min. 50 µm, following UNI EN 40.

Adjustment: steel or cast iron sleeve or self cleaned external thread;
Capacity loads certified;
Anti hand trap;
Permanent prevention against unintentional disengagement;
Unlosable pin rounded ending;
Max extension: 2900 mm - 4000 mm.

DIN EN 1065;
UNI EN 128-2/1996;
MPA BAU (Technische Universität München - Baustoffe Abteilung Stahlbau).

EPIC PROPS/*EPIC PODPORE* DIN EN 1065 CLASS C-D-E

Very high capacity at considerable height, available in different models.

Steel grade S235JR and S275JRH, following UNI EN 10219-1/2.
Inner tube Ø 48,3 mm and Ø 60,3mm;
Outer tube Ø 57 mm and Ø 76 mm.

Dip painting, with minimum durability following the ASTM D 2247-02 tested in mock-overs
Colour: Gentian Blue;
Hot dip galvanization thickness guaranteed min. 55 µm, following UNI EN 40.

Adjustment: self cleaned external thread
capacity loads certified
with hand trap
Anti-unset prevention against unintentional disengagement
Unbreakable pin rounded ending
Max extension: 2000 mm - 3000 mm.

DIN EN 1065;
UNI EN 126.2:1996;
MPA-BAU (Technische Universität München - Baustoffe-Mörtelung Dübl Fuss.)

EPIC STANDARD PROPS/*EPIC STANDARDNE PODPORE*

Excellent quality/price ratio, large range of measures and models.

Steel grade S235JR, following UNI EN 10219-1/2.
Inner tube Ø 48,3 mm, outer tube Ø 60 mm.

Dip painting, with minimum durability following the ASTM D 2247-02 tested in mock-overs
Colour: Gentian Blue;
Hot dip galvanization thickness guaranteed min. 55 µm, following UNI EN 40.

Adjustment: steel sleeve
with hand trap
Unbreakable pin rounded ending
Max extension: 1000 mm - 1800 mm.

DIN EN 1065 and 1;
UNI EN 126.2:1996

EPIC PROPS
EPIC PODPORE

TYPE/TIP	[illegible]	[illegible]	Regulation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
310	48,3	35,0	M	120x120	4	11	800	1100
310	48,3	35,0	M	120x120	4	11	1000	1400
320	48,3	35,0	M	120x120	4	11	1500	2300
330	48,3	35,0	M	120x120	4	11	1800	2100
330	48,3	35,0	M	120x120	4	11	2000	3000
340	48,3	35,0	M	120x120	4	11	2500	4100
340	48,3	35,0	M	120x120	4	11	2600	4300
350	48,3	35,0	M	120x120	4	11	3000	5000
A20	48,3	37,0	M	120x120	6	11	1300	2000
A30	48,3	37,0	M	120x120	6	11	1750	3000
A30	48,3	37,0	M	120x120	6	11	2000	3000
A40	48,3	37,0	M	120x120	6	11	2000	4000
B20	48,3	37,0	M	120x120	6	11	1300	2000
B30	48,3	37,0	M	120x120	6	11	1750	3000
B30	48,3	37,0	M	120x120	6	11	2000	3000
B40	48,3	37,0	M	120x120	6	11	2000	4000
B40	48,3	37,0	M	120x120	6	11	2000	4000
B30	48,3	60,0	G	120x120	6	11	1750	3000
B40	48,3	60,0	G	120x120	6	11	2000	3000
B40	48,3	60,0	G	120x120	6	11	2000	4000
B40	48,3	60,0	G	120x120	6	11	2500	4000
C30	48,3	37,0	M	120x120	6	11	1750	3000
C30	48,3	60,0	G	120x120	6	11	1750	3000
C.D30	60,3	76,0	G	120x120	6	14	2000	3000
C.D40	60,3	76,0	G	120x120	6	14	2000	4000
D40	60,3	76,0	G	120x120	6	14	2500	4000
D50	60,3	76,0	G	120x120	6	14	2800	5000
D20	48,3	60,0	G	120x120	6	11	1300	2000
D30	48,3	60,0	G	120x120	6	11	1750	3000
C.D30	60,3	76,0	G	120x120	6	14	2000	3000
C.D40	60,3	76,0	G	120x120	6	14	2000	4000
D40	60,3	76,0	G	120x120	6	14	2000	4000
D50	60,3	76,0	G	120x120	6	14	2800	5000
E30	60,3	76,0	G	120x120	6	14	1750	3000
E40	60,3	76,0	G	120x120	6	14	2000	3000

EPIC TOWERS
STOLPI EPIC

EPIC HIGH CAPACITY TOWER /*EPIC NOSILNI STOLPI*

Modular flexible and economical system, best choice to work with very high loads.

Steel grade S235JR, following UNI EN 10219-1/2;
Tube Ø 57 mm X 2,3 mm;

hot dip galvanization thickness guaranteed min. 50 µm, following UNI EN 40.

Quick lock fitting;
Maximum loads of 4000 daN/m2;
Flexible and safe to work;
Adjustable with millimetric precision;
Width : 1100 mm;
Frame height : 1500 mm;

C.N.R. - 9/94 - 10/11/88;
C.N.R. 10/12/85;
C.N.R. 10/02/84;
C.N.R. 10/02/84;
EN 10;
Legge n° 1086 del 05/11/1971;
UNI EN 128-2:1998

EPIC SCAFFOLD/*EPIC NITRO MONTAŽNI ODER* 105 PP

Safe and economical system, with an excellent quality/price ratio.

Steel grade S235JR, following UNI EN 10219-1/2;
Tube Ø 48,3 mm X 2,9 mm;
Tube Ø 26,9 mm X 2,3 mm;

Epoxy painting, with minimum durability following the ASTM D 3247-87 tested in mock-up;
colour: Gentian Blue;
hot dip galvanization thickness guaranteed min. 50 µm, following UNI EN 40.

Quick lock fitting;
Licensed for uniform building loads of 300 daN/m2 (CIS, MD 1998);
Flexible and safe to work;
Connectable with the tube coupler system;
Large range of accessories;
Width : 1100 mm;
Span : 1800 mm;
Frame height : 2000 mm;

Autorizzazione ministeriale n° 21000/GM-4 del 03/05/1991;
Successive estensioni:
n° 21444/GM-4 del 11/06/1998;
n° 21551/GM-4 del 26/03/1999;
n° 21318/GM-4 del 26/10/2001;
D.P.R. 27/04/1955 n° 547;
D.P.R. 03/01/1956 n° 164;
D.M. 22/05/1992 n° 466;
Circolari 14/90 e 19/ AA.GG./STC;
UNI EN 128-2:1998

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POVPRAŠEVANJE / PONUDBA / POGODBA
INQUIRY / OFFER / ORDER

ZA / FOR: _____

KPD: _____

[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62000	PIECE ECO STRONG 19 x 149 ELEMENT ECO STRONG 39 x 149		16,0 38,7					
62001	ELEMENT ECO 19 x 149 PIECE ECO 19 x 149		19,59 43					
62003	ELEMENT ECO 19 x 149 PIECE ECO 19 x 149		12,64 28					
62005	ELEMENT ECO 39 x 149 PIECE ECO 49 x 149		19,61 24					
62007	ELEMENT ECO 39 x 149 PIECE ECO 39 x 149		8,43 18,2					
62009	ELEMENT ECO 29 x 149 PIECE ECO 29 x 149		5,57 12,3					
62013	ELEMENT ECO 19 x 19 PIECE ECO 19 x 19		7,90 16,7					
62017	ELEMENT ECO 19 x 19 PIECE ECO 19 x 19		3,70 8					
62020	KOTNI ELEMENT 19 ANGLE 19		2,60 5,7					
62021	PODALJŠEK ZA KOTNI ELEMENT ANGLE KOMP		0,230 0,6					
66000	POKROV ZA KOTNI ELEMENT COVER FOR ANGLE 19		0,26 0,57					
62030	KLIN WEDGE		0,130 0,28					
62031	KLIN PODALJŠAN LONGER WEDGE		0,212 0,46					
62032	ZAGOZDBA WEDGE		0,029 0,06					
62033	KRIŽNI PRIMEŽ 4 4 WAYS CROSSPIECE		0,77 1,7					
62034	KRIŽNI PRIMEŽ 3 3 WAYS CROSSPIECE		0,57 1,25					
62070	KOMPENZACIJSKI ELEMENT 24 x 70 COMPENSATION PIECE 24 x 70		1,890 4,4					

ELEMENTI SITEMA EPIC ECO / COMPONENTS OF EPIC ECO SYSTEM

62014	KOMPENZACIJSKI ELEMENT L 5 / 10 COMPENSATION PIECE L = 10		1,40 3					
62026	ELEMENT ZA RAZDVPRAVANJE PART DIVING DOWN CLAMPS		1,05 2,3					
62027	OBJEMKA WASHER		0,004 0,0009					
ACP	PLASTIČNI ZABOJ PLASTIC BOX		1,80 4,14					
62100	SIDRNI OSTANČNIK ANCHORAGE		0,11 0,24					
62101	SIDRNI OSTANČNI ELEMENT SLIDING BOLZAT ANCHORAGE		0,17 0,37					
62102	ZATIČ PIN		0,02 0,04					
62103	PERFORIRANI OSTANČNIK PERFORATED SHACKLE		0,28 0,6					
62300	KLJUČ ZA ZAGOZDE WEDGE EXTRACTOR		1,30 3,1					
63000	ČEP ZA PLUG CHANNEL		0,002					
71440	OBJEMKA ZA KOTNI ELEMENT WASHER FOR ANGLE		0,113 0,24					
62001	ECO MATICA DIM D 15 INOX NUT PLATE DIM D 15 INOX		0,40 1,08					
62003	DISTANC VIJAK D 15 L=450 DIVIDING SCREW D 15 L=450		1,10 2,4					
62005	DISTANC VIJAK D 15 L=1000 DIVIDING SCREW D 15 L=1000		1,44 3,17					
62007	DISTANC VIJAK D 15 L=1500 DIVIDING SCREW D 15 L=1500		2,15 4,70					
62210	ECO MATICA DIM D 15 HNO NUT PLATE DIM D 15 INOX		0,32 0,46					
64000	UTRAPALNA KONZOLA ALUNIR CLAMP		0,80 1,76					
64001	ZAGOZDA ZA UTRAPALNO KON. ZONO WEDGE FOR ALUNIR CLAMP		0,19 0,41					
64003	ALUNIR CLAMP 2400 UTRAPALNI ELEMENT 2400		16,20 7,550					
64001	ALUNIR CLAMP 700 UTRAPALNI ELEMENT 70		4,12 1,880					
64002	ALUNIR CLAMP 500 UTRAPALNI ELEMENT 50		2,34 1,111					
64003	ALUNIR CLAMP 400 UTRAPALNI ELEMENT 40		2,29 1,033					
64004	ALUNIR CLAMP 300 UTRAPALNI ELEMENT 30		1,73 0,780					

ELEMENTI SITEMA EPIC ECO / COMPONENTS OF EPIC ECO SYSTEM

04005	ALUMINIUM CLAMP 200 LEVANJE ALUMINIJAST 20		1.59 0.040					
04020	JOIN FORK/AIR CLAMP SHORT POVEZOVALNI ELEMENT KRATKI		2.37 1.071					
04021	JOIN FORK/AIR CLAMP LONG POVEZOVALNI ELEMENT DOLGI		3.88 1.701					
04011	SIMPLE ALUMINIUM 2.200 LEVANJE NOSILNI ELEMENT 2200		4.80 2.201					
04010	SIMPLE ALUMINIUM 3.000 LEVANJE NOSILNI ELEMENT 3000		5.81 3.087					
04022	WEDGE K ZAKLJUČEK K		0.34 0.151					
04001	ANGLE INTERNAL 200 NOTRANJI KOTNIK ELEMENT 200		34.64 15.71					
04000	ANGLE EXTERNAL 200 ZUNANJI KOTNIK ELEMENT 200		12.90 3.84					
04021	INTERNAL ANGLE FOR DOUBLE STEEL NOTRANJI OBROČNIK ZA STEBER		0.73 0.331					
04030	ALUMINIUM EXTENSION PODALJŠANJE ALUMINIJASTA CEVI		2.20 1.000					
02020	3 HOLES PADS KLINOVI ZA LESTAM 4		0.47 0.213					
04010	WASHER D. 10/12-11 OBJEMKA D. 40/52-11		0.01 0.001					
	WASHER FOR DISASSEMBLING (COLUMN, WART) OBJEMKA ZA DEMONTAŽO (VITEK, STEBER)		0.02 0.007					
04010	BRACKET FOR FLU WITH BRACKET PIN VEZNIK ZA STEBER Z ZAVIKOM		2.41 1.10					
04011	BRACKET PIN ZAČIC VEZNIKA ZA STEBER		0.01 0.014					
04025	SPRING CLAMP ZAVIKAK		0.02 0.007					

DATUM / DATE: .....

PODPIS / SIGNATURE: .....

KOLIČINA / PARTS: .....

POPOPREV / CONFIRMATION: .....

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POVPRAŠEVANJE / PONUDBA / POGODBA
INQUIRY / OFFER / ORDER

ZA / FOR _____
DATUM / DATE _____

[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62000	ELEMENT ECO STRONG 70 x 140 PRVOG ECO STRONG 70 x 140		45,6 28,7					
62001	ELEMENT ECO 70 x 140 PRVOG ECO 70 x 140		10,69 40					
62003	ELEMENT ECO 30 x 140 PRVOG ECO 30 x 140		3,84 28					
62005	ELEMENT ECO 40 x 140 PRVOG ECO 40 x 140		5,02 24					
62007	ELEMENT ECO 50 x 140 PRVOG ECO 50 x 140		6,42 18,5					
62009	ELEMENT ECO 20 x 140 PRVOG ECO 20 x 140		2,57 13,8					
62011	ELEMENT ECO 70 x 70 PRVOG ECO 70 x 70		7,60 16,7					
62012	ELEMENT ECO 30 x 30 PRVOG ECO 30 x 30		3,70 9					
62061	EPIC ECO SPEED 2 LIBELLO EPIC ECO SPEED WATER LEVEL		8,1 14,3					
62062	EPIC ECO SPEED EPIC ECO SPEED		8,1 14,3					
62064	EPIC ECO SPEED STRONG EPIC ECO SPEED STRONG		9,1 28,9					
1004981	TRIMOŽEL EPIC TRIMOŽ EPIC		13,3 28,3					
1004284	PODPORNIK EPIC PROP EPIC		11 33					
62042	ECO ČEP SPEED SPEED CTOPPER		0,00008 0,00029					
62030	KLIN PROF		0,1318 9,86					
62031	KLIN POGALŠAN CANGLED PROF		0,2112 9,86					
62038	3 ROLES PROF KLIN POGALŠAN 3		0,47 0,2112					

ELEMENTI STROPNEGA OPAŽNEGA SISTEMA EPIC ECO SKY SPEED / COMPONENTS OF CEILING SYSTEM EPIC ECO SKY SPEED

02032	ZAKLJUČKA WEDGE		0.019 0.09					
02036	PLASTIKA ZA KAZDONŽAVAJE FASTENING DOWN ELEMENT		1.06 2.3					
02037	CHOMMA MINCHER		0.004 0.0008					
02200	KLJUČ ZA ZAKLJUČKE WEDGE EXTRACTOR		1.59 3.5					
02080	GUMA ZA STROPNO PLATE FLOOR SUPPORT		0.01 1.2					
02055	KOMPENZACIJSKI ELEMENT 5 X 70 COMPENSATION PIECE 5 x 70		1.40 3					
02004	SQUARE FOR SIDE PANEL - IN-THOUT WEDGE B STENA KOSILCA - NAVZ ZAKLJUČKE		1.32 2.45					
02071	CLAMP BLOCKING PIN ZAČČ ZA PRIMEŽ		0.012 0.03					
02070	CLAMP COMPENSATION PIECE 5 x 70		0.20 0.69					
02004	SQUARE FOR SIDE PANEL STENA KOSILCA		1.09 2.30					
04022	WEDGE K ZAKLJUČAK		0.133 0.34					
02080	CHISEL SKRIVNAČ STENE KOSILCA		0.013 0.34					
04023	SPRING CLAMP ZAPONKA		0.02 0.007					
	WOODEN BEAM 6,2 X 12,8 - 14M LESENI KOSILCI 1,8-2,9 (1,9-4,9m)							
10.0048	FORK VILICA		4.4 7					
10.0259	HEAD FOR WOODEN BEAMS GLAVA ZA LESENE KOSILCE		2.3 1.02					

POTROŠNI DODATNI MATERIAL EPIC ECO / USER PLUS SUPPLEMENT MATERIAL EPIC ECO

[illegible]	ČEP ZA KANCLJANITER 30		0,004 0,009					
[illegible]	CYTDEP d. 26/220 mm BORER d. 6,5 / 8 m		0,8 1					
[illegible]	BRIZGALKA ZA NANAŠANJE ECO 1 PUMP FOR APPLYING ECO 1		1,61 3,6					
[illegible]	PRODUKT ZA POP NAMILO ELE-MENTA ECO 2 PRODUCT FOR REMOVING ECO 2		5,61 11,88					
[illegible]	RIŠUNA ZA MAZANJE ANILIN ECO 2 ACID FOR DESOLDERING ECO 2		26,3 8,8					
	ČEP ZA NAŠIVARI d = 2 m PLASTIC TIMEO d = 6,3 m		0,4 0,86					
[illegible]	ROSETA 22 mm ROSETTE 0,86 m		0,0004 0,009					
[illegible]	GUMI ČEP 30 mm RUBBER PLUG 0,06 m		0,007 0,015					
[illegible]	ČEP ZA ROSETO - 1000 kos PLASTIC ROSETTE - 1000 pcs		0,00 16 0,008					
	DISTANČNIK Z ROSETO 15 X, 20 X, 25 X, 30 X MM DISTANCE WITH ROSETTE 2,0 - 2,9 - 0,8 - 1,1 m		30 - 39 g 0,000 - 0,1 lb					
	GUMI MATO KLADIVO RUBBER HAMMER		1 2,2					
	OPAŽNO OLJE FORMWORK OIL		17,2 37,9					
					[illegible]			

DOBAVA / DELIVERY .....

PLAČILO / PAYMENT .....

RAZLOGA / PARTY .....

POTRDITEV / CONFIRMATION .....

BELEŽKE / NOTES

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