

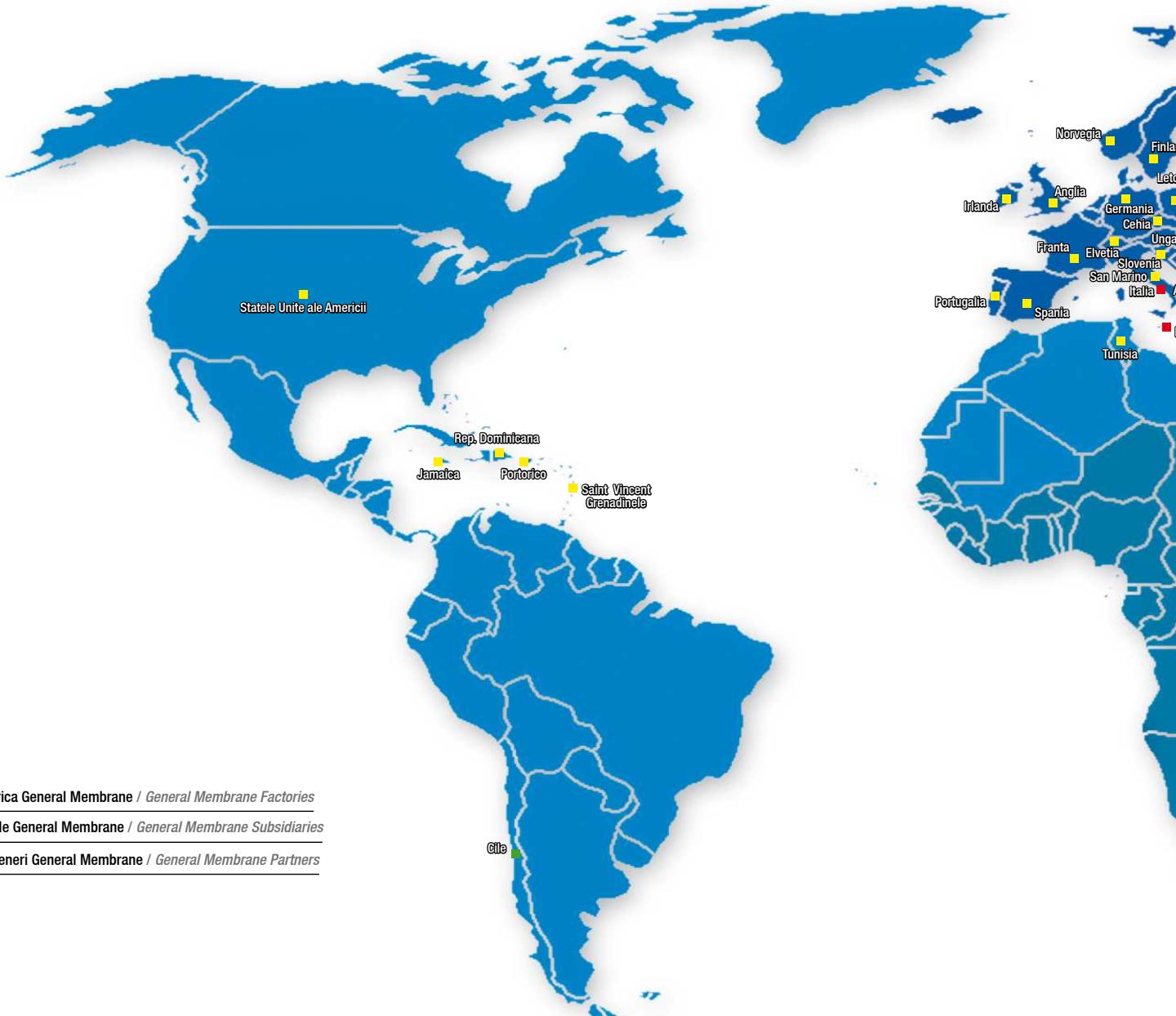


## PRODUSE LICHIDE



OPRIM APA

NECESARUL  
INVIZIBIL



## COMPANIA / COMPANY PROFILE

Compania GENERAL MEMBRANE este specializata in productia si comercializarea de materiale impermeabilizante bituminoase. De la in-fiintarea GENERAL MEMBRANE Spa Italia in 2003, compania s-a impus si dezvoltat continuu pe piata mondiala a membranelor bituminoase prin calitate, noi tehnologii de productie si cercetare, dar si prin preocuparea constanta fata de mediul inconjurator; cele 3 fabrici, 2 filiale si parteneri in 60 de tari, de pe toate continentele sunt rezultatul profesionalismului si flexibilitatii ce caracterizeaza GENERAL MEMBRANE.

*GENERAL MEMBRANE Company is specialized in manufacturing and marketing of bituminous waterproofing materials. Since 2003, when GENERAL MEMBRANE Italy was founded, the company impose itself and continuous developed on the waterproofing materials world wide market, through it's concerns about Quality, New Technologies for manufacturing and Research and the constant care for the Environment; 3 factories, 2 subsidiaries and partners in over 60 countries, located on all continents are the proof of the Companies professionalism and flexibility.*

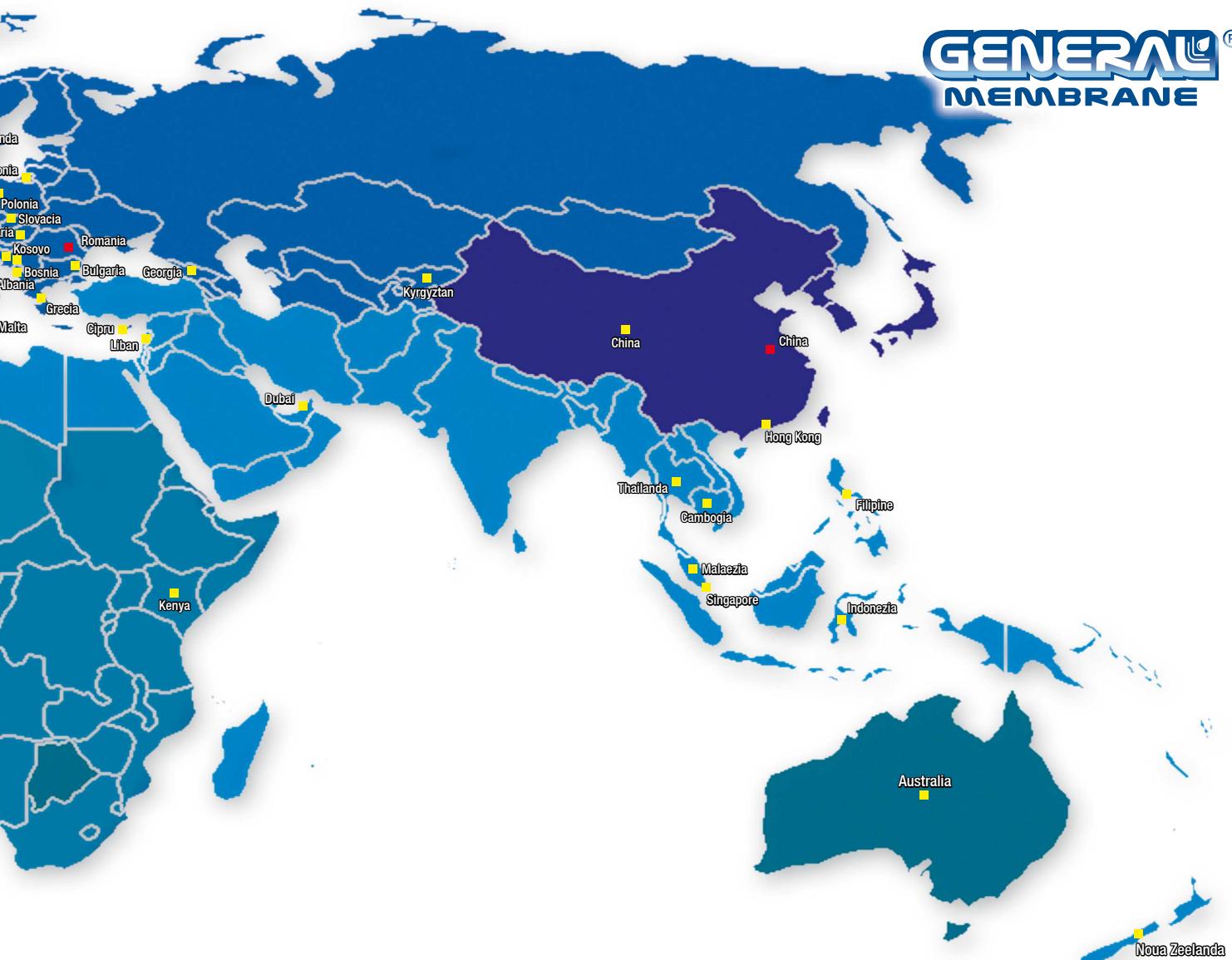
## DESPRE GENERAL MEMBRANE ROMANIA / ABOUT GENERAL MEMBRANE ROMANIA

Inca din anul infiintarii sale in 2007, GENERAL MEMBRANE ROMANIA s-a afirmat pe piata autohtona a materialelor de hidroizolatii prin raportarea permanenta la cele mai inalte standarde de calitate, utilizeaza nivel international. Avantajele companiei de la Buzau sunt sustinute de argumente puternice:

- investitia initiala de peste 11 milioane de euro in unitatea de productie, doata cu o linie moderna de mare capacitate (12 mil mp./an) si laborator propriu, dotat in conformitate cu standardele internationale.
- transfer integral de know-how din unitatile de productie si laboratoarele experimentate ale General Membrane Italia, cat si instruirea permanenta a personalului implicat atat in procesul de productie cat si in cel de comercializare a sistemelor de impermeabilizare.
- o echipa de distributie puternica si renomata, dezvoltata de mai bine de 20 de ani in cadrul holdingului EdilGroup, menita sa ofere consultanta pentru alegerea celor mai bune solutii tehnice si sa livreze, in cel mai scurt timp.

*Even since it's establishment in 2007, GENERAL MEMBRANE ROMANIA asserts itself on the romanian waterproofing membranes market thanks to its constant concern for the highest international quality standards. The advantages of the company from Buzau are strongly supported by facts who speak for themselves:*

- an initial investment of more than 11 mil. Euro for the production facility a, fitted with the latest technology and a high-capacity production line (12 mil. sqm/year), completed with a fully-equipped laboratory, according to the international standards.
- full know-how transfer and personal training from General Membrane Headquarters.
- a wide-spread distribution network, an experienced team developed within EdilGroup Holding, providing the best customized solutions and the shortest time on-site deliveries for the South-eastern Europe.



## MANAGEMENTUL CALITATII PRODUSELOR / QUALITY CONTROL

O membrana impermeabilizata de cea mai buna calitate inseamna protectia in timp a proiectului. De aceea, investim continuu in noi tehnologii de Cercetare, Dezvoltare si Control Calitativ si respectam cele mai inalte standarde ale calitatii utilizate la nivel international:

### Marcaj CE

Respectand toate normele europene in vigoare, membranele produse la oricare dintre fabricile General Membrane exclud compusi periculozi precum azbestul, gudronul, diferite tipuri de pulbere.



### CE Marking

*A high quality waterproofing material means the protection in time for each project. Therefore, we continuously concern about new Development and Quality Control Technologies and we respect the highest International Standards both manufacturing and Quality Control.*



### ISO 9001

Fiecare lot de materiale este testat inainte de productie, la fel si fiecare lot de membrane ce pleaca catre clienti. Ca si loturile, toate testelete efectuate sunt identificate si arhivate, astfel incat putem urmari cu precizie drumul produselor noastre – de la materie prima, pana la destinatia finala, pe santier.

### ISO 9001

*Every lot of raw material is being tested before manufacturing, the same way the finished products are tested before leaving our factories. We control the path of our products, from raw material until the working site.*



### ISO 14001

Investitia in tehnologia moderna ne ofera bucuria unei misiuni indeplinite – grija pentru mediul inconjurator. Gestionam eficient resursele de apa si energie, depozitam corespunzator deseurile si reducem volumul acestora printr-un proces de reciclare continuu si sustinut.

### ISO 14001

*The modern technology used in General Membrane Facilities rewards us with the concern for the Environment – we carefully manage the water and energy supplies and we have a sustained and continuous policy in recycling waste.*

## PRODUSE LICHIDE

# Necesarul invizibil. The Invisible Necessity

PRODUSE SI SISTEME PENTRU IMPERMEABILIZARE. WATERPROOFING PRODUCTS

## DOMENII DE UTILIZARE / APPLICATION FIELDS

Non-trafficable flat roofing



Terasa necirculabila

Trafficable flat roofing



Terasa circulabila

Inverted roof



Terasa inversata

Foundation and underground premises



Fundatii si pereti ingropati

Car parks



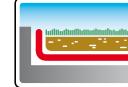
Parcari auto

Bridges, viaducts and road structures



Poduri, viaducte si structuri rutiere

Roof garden



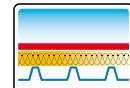
Acoperisuri verzi

Cover tunnels



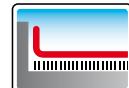
Tuneluri si galerii

Metal deck



Suprafete metalice

Bonding system



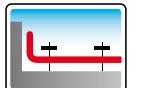
Sisteme de lipire

Vertical Walls



Pereti verticali

Mechanical fixing



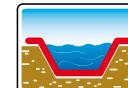
Fixari mecanice

Photovoltaic System



Sisteme fotovoltaice

Reservoirs



Rezervoare

Tank



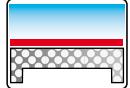
Bazine

Renovation



Reparatii

Refurbishment of asbestos cement sheets



Refacerea acoperisurilor din azbest

## PRODUSE LICHIDE

Produse lichide impermeabilizante din compusi polimerici speciali, ideale pentru suprafete din beton sau ciment, fiind folosite pentru a proteja si conserva suprafetele tratate. Sunt produse pe baza de solventi, pentru o uscare rapida, sau pe baza de apa, pentru a diminua poluarea mediului inconjurator.

Performantele superioare ale acestor produse sunt date de lucrabilitatea mare, instalarea rapida, durabilitate si consum redus. Asigurarea calitatii este scopul nostru, dar uneori nu este de ajuns. Astfel am dezvoltat tehnologii pentru o uscare cat mai rapida a produselor, scurtand timpul necesar aplicarii intregului sistem de impermeabilizare.

Amorsarea suprafetelor  
Base coat for various surfaces



Tratament antumezaala  
Anti-humidity Treatment



Impermeabilizarea fundatiilor din beton  
Concrete foundations waterproofing



Reparatii structurale  
Structural repairs



Impermeabilizare bazine si piscine  
Pools and water tanks waterproofing

## WATERPROOFING MEMBRANES

Functional liquid waterproof products for concrete or drilled surfaces, to be used as surface treatment in order to protect and preserve treated surfaces. They consist of bituminous compounds modified with special polymers that can be applied both by roller and by brush and are available as fast-drying solvent-based solutions or as ecological water-based ones.

The superior performance is evident in workability, easy installation, durability and low consumption. Providing quality is our goal, but sometimes this is not enough. We developed new technologies for a faster drying process, which helps our customers to save time.

Bariera de vapori  
Vapor barrier

Protectie acoperisuri  
Roofing protection

Etansare  
Sealing

Izolare termica  
Thermal insulation

Tratament anti-alunecare  
Non-slip treatment

**PRODUSE LICHIDE**

**LIQUID PRODUCTS**



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Winfloor Top	pag. 14
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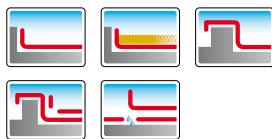
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## MEMBRANE LICHIDE

Produse lichide impermeabilizante din compusi polimerici speciali, ideale pentru suprafete din beton sau ciment, folosite pentru a proteja si conserva suprafetele tratate. Sunt produse pe baza de solventi, pentru o uscare rapida, sau pe baza de apa, pentru a diminua poluarea mediului inconjurator. Pot fi aplicate atat cu rolul cat si cu peria.

### GENERAL ECOLIQUIDA



#### DESCRIERE

General Ecoliquida este o membrana lichida elastomerica impermeabilizanta, pe baza de rasini modificate in emulsie apaosa. Are o buna permeabilitate la vaporii de apa si o rezistenta optima la imbatranire, la actiunea razelor UV, precum si la ploaie acide. Produsul nu este toxic si protejeaza mediul inconjurator.

#### APLICARE

Cu pensula sau prin pulverizare.

#### CONSUM

150-200gr per strat.

#### RECOMANDARI

Nu aplicati pe suprafete metalice sau predispuse la batitirea apei. Asigurati-vla ca suportul este curat, uscat si lipsit de parti friabile. Nu aplicati in conditiile de ploaie iminenta si protejati pana la uscarea completa. Se recomanda intotdeauna, inainte de aplicarea impermeabilizarii, verificarea prezentei unei eventuale umiditati in suport (vezi fisa tehnica), pentru evitarea exfolierii si a bulelor, datorate presiunii vaporilor. Feriti produsul de inghet. Depozitati si aplicati la temperaturi cuprinse intre +5° si +35°.

#### AMBALARE

Cutii metalice: 10 kg sau 20 kg.

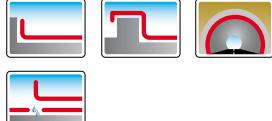
#### CULORI DISPONIBILE

Rosu, gri, verde.

#### DEPOZITARE

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

## GENERAL BITULIQUIDA



#### DESCRIERE

General Bituliquida este o membrana lichida bituminoasa, impermeabilizanta, elastomerica, pe baza de solvent, cu aplicare la rece. Se prezinta ca o pasta, ce se aplica foarte usor prin intindere in strat uniform pe planul de montaj. Produsul este recomandat la impermeabilizarea fundatilor din beton cu microfisuri, atunci cand nu este prevazuta utilizarea membranelor de hidroizolatie sau ca alternativa la primer.

#### APLICARE

Cu pensula sau trafaletul.

#### CONSUM

A se aplica cel putin in 2 straturi a cate 500gr/mp fiecare.

#### RECOMANDARI

Asigurati-vla ca suportul este curat, uscat si lipsit de parti friabile. Nu aplicati in conditiile de ploaie iminenta si protejati pana la uscarea completa. Se recomanda intotdeauna, inainte de aplicarea impermeabilizarii, verificarea prezentei unei eventuale umiditati in suport (vezi fisa tehnica), pentru evitarea exfolierii si a bulelor, datorate presiunii vaporilor. Feriti produsul de inghet. Depozitati si aplicati la temperaturi cuprinse intre +5° si +35°.

#### AMBALARE

Cutii metalice de 5, 10 sau 20kg.

#### DEPOZITARE

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

## LIQUID MEMBRANE

*General Ecoliquida is an elastomeric waterproofing membrane, based on modified resins in aqueous emulsion. It has an excellent water vapour permeability, excellent resistance to ageing, UV rays and acid rain. Non-toxic product to protect both personal health and environment.*

#### DESCRIPTION

*General Ecoliquida is an elastomeric waterproofing membrane, based on modified resins in aqueous emulsion. It has an excellent water vapour permeability, excellent resistance to ageing, UV rays and acid rain. Non-toxic product to protect both personal health and environment.*

#### APPLICATION

*Recommended tools: brush or airless spray.*

#### CONSUMPTION

*150–200 gr per coat.*

#### USEFUL BOARDS

*Do not apply on still water or metal surfaces. Ensure that the surfaces are clean, dry and free from crumbling or powdery parts. Do not apply in wet weather and protect the product until thoroughly dry. It is not frost resistant. Before laying any waterproof product, please check for underlying dampness (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure. Store and apply over +5° and up to +35°.*

#### PACKING

*Tin: 10 kg, 20 kg.*

#### AVAILABLE COLOURS

*Red, grey, green.*

#### STORAGE

*The product has 12 months stability if properly packed and stored in a cool dry place.*

#### DESCRIPTION

*General Bituliquida is a cold, solvent based liquid elastomeric bituminous membrane consisting of bitumen, elastomers, plasticizers, inert fillers, additives and aliphatic hydrocarbons. It comes as a paste easily workable by spreading it evenly on the floor. It is suitable for waterproofing concrete foundations affected by micro cracks when the use of bituminous membranes is not provided or as an alternative to the primer. Adequate for waterproofing of metal surfaces.*

#### APPLICATION

*Recommended tools: brush or roller.*

#### CONSUMPTION

*Apply at least two coats 500gr/mp each.*

#### USEFUL BOARDS

*Ensure that the surfaces are clean, dry and free from crumbling or powdery parts. Do not apply in wet weather and protect the product until thoroughly dry. It is not frost resistant. Before laying any waterproof product, please check for underlying dampness (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure. Store and apply over +5° and up to +35°.*

#### PACKING

*Tin: 10kg, 20kg.*

#### STORAGE

*The product has 12 months stability if properly packed and stored in a cool dry place.*

## PRODUSE LICHIDE

## LIQUID PRODUCTS

2022



### DESCRIERE

Membrana lichida elastomerica transparenta, pe baza de apa, de inalta rezistenta, pentru suprafete ce necesita caracteristici excelente de protectie, fara a modifica aspectul estetic original. Poate fi utilizat pentru a preveni sau limita desprinderea ardeziei de pe membranele bitum-polimeri, sau pentru impermeabilizarea acoperisurilor din fibre de ciment, produselor din beton.

### APLICARE

Poate fi aplicat cu trafalaetul, pensula sau cu un dispozitiv de pulverizare.

### CONSUM

Vertical: 0,5 kg/m<sup>2</sup> in doua straturi.  
Orizontal: 0,8 kg/m<sup>2</sup> in doua straturi.

### RECOMANDARI

Nu aplicati pe suprafete metalice sau fara drenaj. Asigurati-vă ca suprafetele sunt curate, uscate si lipsite de parti friabile. Nu aplicati in conditiile de ploaie iminenta si protejati produsul pana la uscarea completa. Se recomanda intotdeauna, inainte de aplicarea impermeabilizarii, verificarea prezentei unei eventuale umiditati in suport(vezi fisa tehnica), pentru evitarea exfolierii si a bulelor, datorate presiunii vaporilor. Feriti produsul de inghet. Depozitati-l si aplicati-l la temperaturi cuprinse intre +5° si +35°.

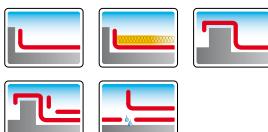
### AMBALARE

Galeti de 5-10-20 kg.

### DEPOZITARE

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

## 2012 FIBER



### DESCRIERE

Adeziv-etanseizant bituminos, permanent elastic si cu o mare aderenta. Aplicabil la rece, gata de utilizat, adera la suprafete umede, chiar si sub apa. Poate fi aplicat pe beton, lemn, metal, caramida, ipsos, PVC si materiale plastice, de exemplu polietilena. Permite lipirea tuturor membranelor bituminoase intre ele si peretii perimetrali, sigileaza si repară diverse sisteme de drenaj de apa pluviala, canale, rezervoare chiar si de apa potabila, camine, tevi de PVC si lipeste toate tipurile de pamuri izolante pe membrane bitum-polimeri, lemn si beton.

### APLICARE

Si aplica cu pistolul manual sau prin presiune cu o spatula.

### CONSUM

In functie de dimensiunile rostului sau tipul aplicatiei.

### RECOMANDARI

Suprafata trebuie sa fie curata, lipsita de praf sau grasimi. Temperatura de aplicare: intre +5° si +30°. La temperaturi inferioare se recomanda o incalzire locala (de ex. apa calda).

### AMBALARE

Cartuse de 310 ml – 24 buc/cutie.  
Pungi pentru pistol profesional de 2–4 kg.

### CULORI DISPONIBILE

Alb, rosu, gri, verde.

### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 3 ani.

**GENERAL**<sup>®</sup>  
**MEMBRANE**

### DESCRIPTION

High-strength elastomeric transparent liquid membrane for surfaces where high protection is required. Its transparency ensures that the original appearance is maintained. Ideal for helping to prevent the slate chippings coming loose on slate bitumen-polymer membranes or for waterproofing roofs, fibre-cement covering sheets, concrete products, wooden roofs, absorbent materials, bricks, concrete and brickwork walls.

### APPLICATION

It can be applied with roller, brush, large paintbrush and airless spray gun.

### CONSUMPTION

Vertical application: two coats at 0.5 kg/m<sup>2</sup>.  
Horizontal application: two coats at 0.8/m<sup>2</sup>.

### USEFUL BOARDS

Do not apply on still water or metal surfaces. Ensure that the supports are clean, dry and free from crumbling or powdery parts. Do not apply in unsuitable weather and protect the product until thoroughly dry. It is not frost resistant. Before laying any waterproof product, please check underlying damp (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure. Store and apply over +5° and up to +35°.

### PACKING

5–10–20 kg pails.

### STORAGE

The product has 12 months stability if properly packed and stored in a cool dry place.

### DESCRIPTION

Fiber-reinforced, coloured elastomeric waterproofing liquid membrane. 2021 evolution in the new FIBER version. The fibers, perfectly balanced with special polymers, ensure waterproofing of foundations even subject to movement, without the necessity for laborious reinforcing operations. The product is water-based and totally free from organic solvents and therefore has no environmental impact.

### APPLICATION

It can be applied with roller, brush, or spatula. For roller application, fully soak by rotating the roller in the bucket

### CONSUMPTION

1.6 kg/mp in two coats.

### USEFUL BOARDS

Ensure that the surfaces are clean, dry and free from crumbling or powdery parts and or anything that can prevent adhesion. The product must only be applied to dry surfaces. Check for any underlying damp in the foundations in order to avoid problems of vapour pressure. However, the product can withstand 3% to 5% dampness.

### PACKING

1 kg tin – 30 pieces per box.  
5–10–20 kg pails.

### AVAILABLE COLOURS

White, red, grey, green.

### STORAGE

The product has 12 months stability if properly packed and stored in a cool dry place. It is not frost-proof. Store at temperatures between +5°C and +35°C.

2025

**DESCRIERE**

Membrana lichida colorata, pe baza de apa, pietonabila, de inalta rezistenta, folosita la impermeabilizare si tratamentul anti-alunecare a trotuarelor. Aplicabil pe beton, lemn, piatra naturala, suprafete tratate cu bitum, caramizi ca strat impermeabilizant si tratament anti-alunecare pentru terase, zone de acces a piscinelor, trotuare in general. Excelent aplicabil pe acoperisuri pentru a impiedica alunecarea placilor.

**APLICARE**

Poate fi aplicat cu trafaletul, pensula sau cu un dispozitiv de pulverizare.

**CONSUM**

1,6 kg/m<sup>2</sup> in doua straturi.

**RECOMANDARI**

Nu aplicati pe suprafete metalice sau predispuse la baltirea apei. Asigurati-vla ca suprafata este curata uscata si lipsita de parti friabile. Nu aplicati in conditiile de ploaie iminenta si protejati produsul pana la uscarea completa. Se recomanda intotdeauna, inainte de aplicarea impermeabilizarii, verificarea prezentei unei eventuale umiditati in suport (vezi fisa tehnica), pentru evitarea exfolierii si a bulelor, datorate presiunii vaporilor. Feriti produsul de inghet. Depozitati si aplicati produsul la temperaturi cuprinse intre +5° si +35°.

**AMBALARE**

Galeti de 5-10-20 kg.

**CULORI DISPONIBILE**

Alb, gri, rosu, verde.

**DEPOZITARE**

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

**ACCESORII**

BC Seal Band, WinJoint Band si Winseal.

**DESCRIPTION**

High strength liquid membrane for waterproofing and providing a nonslip surface on pedestrian ways. It is a coloured product and is water-based. It can be applied on concrete, wood, natural stones, bitumen-treated surfaces and bricks, as well as for waterproofing and nonslip treatment of terraces, swimming pool access areas and pedestrian ways in general. It is ideal for roof insulation and to prevent slabs sliding.

**APPLICATION**

*It can be applied with roller, brush, large paintbrush and airless spray gun.*

**CONSUMPTION**

1.6 kg/m<sup>2</sup> in two coats.

**USEFUL BOARDS**

*Do not apply on still water or metal surfaces. Ensure that the supports are clean, dry and free from crumbling or powdery parts. Do not apply in wet weather and protect the product until thoroughly dry. It is not frost resistant. Before laying any waterproof product, please check for underlying damp (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure. Store and apply over +5° and up to +35°.*

**PACKING**

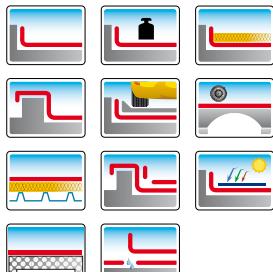
5–10–20 kg pails.

**AVAILABLE COLOURS**

White, red, grey, green.

**STORAGE**

*The product has 12 months stability if properly packed and stored in a cool dry place.*

**WINGUM PLUS H2O****DESCRIERE**

WINGUM PLUS H2O este un impermeabilizant lichid, pe baza de apa, armat cu fibre, colorat, pe baza de rasini modificate de inalta calitate. Ofera o exceptionala rezistenta la stagnarea apei, la imbatranire si la radiatii U.V. Este ideal pentru impermeabilizarea complexa a suprafetelor mari si garanteaza o optima durabilitate. Excelent ca hidroizolatie a teraselor plate si pietonabile, terase si balcoane din ceramica sau piatra naturala, pentru refacerea sau protectia invelisurilor bituminoase (deja oxidate), caramidei, placi de azbest, metal chiar si oxidat, lemn. In cazul fortelor de solicitare mari, se poate arma cu WINTECHNO MAT.

**APLICARE**

Poate fi aplicat cu spatula, pensula, trafaletul sau dispozitiv de pulverizare.

**CONSUM**

1,2 - 1,4 kg/m<sup>2</sup> in doua straturi.

1,6 - 1,8 kg/m<sup>2</sup> armat cu WINTECHNO MAT in 2 straturi.

**RECOMANDARI**

Asigurati-vla ca suportul este curat, uscat si lipsit de parti friabile sau neaderente. Aplicati in doua straturi pentru obtinerea unei grosimi ideale si omogene. Verificati prezenta umiditatii suprafetei pentru evitarea aparitiei bulelor, datorate presiunii vaporilor. Depozitati si aplicati la temperaturi cuprinse intre +5 si +40°C.

**AMBALARE**

Galeti de 5-10-20 kg.

**CULORI DISPONIBILE**

Alb, gri, rosu, verde.

**DEPOZITARE**

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

**ACCESORII**

BC Seal Band, WinJoint Band, Wintechno Mat si Winseal.

**DESCRIPTION**

WINGUM PLUS H2O is a coloured waterproofing water-based liquid membrane based on modified resins of high quality and reinforced by synthetic fibers. It assures great resistance to backwater, aging and U.V. rays. It has been formulated also for difficult waterproofing even on big surfaces and to assure great durability. It can be applied on surfaces subject to trampling and on concrete, ceramic, natural stone materials, brickworks, bituminous membranes, fiber-cement, woods, metal sheds also oxidisable and bricks. It's ideal to waterproof flat and walkable roofs, terraces and balconies made of natural stones or ceramic, for restoration and protection of bituminous membranes. On surfaces subject to strong strains or elastic tensions, or in order to uniform the layer of irregular floors or tiles, it can be reinforced by WIN TECHNO MAT.

**APPLICATION**

*It can be applied with short-bristle roller for solvent, brush, large paintbrush, steel plastering towel and airless gun.*

**CONSUMPTION**

1.2 – 1.4 kg/m<sup>2</sup>.

1.6–1.8 kg/m<sup>2</sup> in two coats with reinforcement interposed.

**USEFUL BOARDS**

*Accurately clean the support to eliminate: dust, crumbly parts, foreign or bonding-proof matters. Apply at least two coats of the product to achieve homogenous thickness, ideal for waterproofing. Check hidden wet before the application of any waterproofing membrane, in order to avoid onset of superficial air bubbles due to vapour pressure. Store and apply at temperatures between +5°C and +40°C.*

**PACKING**

5–10–20 kg cans.

**AVAILABLE COLOURS**

White, red, grey, green.

**STORAGE**

*The product in its undamaged packaging can be stored for 12 months.*

## PRODUSE LICHIDE

### LIQUID PRODUCTS

#### GENERAL FONDO



#### DESCRIERE

General Fondo este asfalt la rece in emulsie pe baza de apa. Produsul nu este inflamabil sau periculos pentru utilizator, avand o buna rezistenta la solutiile saline. Produsul este ideal pentru impemeabilizarea fundatilor din ciment, pereti de protectie si mici terase circulabile prevazute cu gresie.

#### APLICARE

Cu pensula sau trafaletul, dupa ce a fost bine amestecat.

#### CONSUM

A se aplica cel putin in 2 straturi - primul strat diluat 15/20%, al doilea strat de produs nediluat (1.5kg/mc).

#### RECOMANDARI

Amestecati bine inainte de aplicare, aplicati in doua straturi, al doilea strat se aplica numai dupa uscarea completa a celui dintrai. Poate fi aplicat si pe suprafete umede, produsul are nevoie de cel putin 8 ore pentru uscarea completa la o temperatura de min. 25°C si respectand indicatiile producatorului. In cazul expunerii suprafetei tratate, se recomanda protejarea cu vopseluri protective (General Vernice sau General Veracrilica).

#### AMBALARE

Cutii metalice de 5, 10 sau 20 kg.

#### DEPOZITARE

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

#### SCUDO SYSTEM



#### DESCRIERE

Pasta impermeabilizanta pe baza de rasini speciale, cu elasticitate mare si rezistenta la strapungere. Produsul are o aderenca excelenta si o lucrabilitate mare, ce permit realizarea unui strat protector impermeabil si protector, cu o grosime corespunzatoare. Se utilizeaza la hidroizolarea peretilor subterani, fundatii, structuri de beton, si la realizarea unei bariere de vaporii intre beton si sapa.

#### APLICARE

Se aplica cu o spatula.

#### CONSUM

1,25 kg/m<sup>2</sup> per mm grosime.

Consum total: 2,8 - 3,3 kg/m<sup>2</sup>

Bariera de vaporii: 3 - 3,3 kg/m<sup>2</sup>

#### RECOMANDARI

Asigurati-vla ca suportul este curat, uscat, lipsit de uleiuri, grasi, substante straine sau neaderente. Protejati de apa in primele 24 ore dupa aplicare. Se recomanda intotdeauna, inainte de aplicarea impermeabilizarii, verificarea prezentei unei eventuale umiditati in suport (vezi fisa tehnica), pentru evitarea exfolierii si a bulelor, datorate presiunii vaporilor. Feriti produsul de inghet. Aplicati la temperaturi cuprinse intre +5 si +35°C.

#### AMBALARE

Galeti de 20 kg.

#### DEPOZITARE

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitat la temperaturi cuprinse intre +5°C si +35°C.



#### DESCRIPTION

*General Fondo is a cold asphalt in water-based paste consisting of bitumen emulsions, thixotropic fillers, emulsifiers, bentonite, inert fillers, water. It is a non-toxic and non-flammable product with good resistance to saline solutions. General Fondo is suitable for waterproofing of foundation concrete structures, protective walls and terraces meant to be tiled.*

#### APPLICATION

*Recommended tools: brush or roller, after is blended.*

#### CONSUMPTION

*Apply 2 coats – first coat 15/20% diluted, second coat pure.*

#### USEFUL BOARDS

*It is recommended the application of two coats. The second coat should be applied when the first is perfectly dried. It can also be applied on damp surfaces thanks to the presence of special additives that do not affect its adhesive properties. The product, for complete drying, requires 8 hours on average, at a temperature of 25°C (there are variations according to the surface involved and the amount of product used). If meant to be exposed the dried film should be protected with reflective paints (General Vernice Alu) or water-based decorative paints (General Veracrilica).*

#### PACKING

*Tin: 5, 10 or 20 kg.*

#### STORAGE

*The product has 12 months stability if properly packed and stored in a cool dry place.*

#### DESCRIPTION

*Paste waterproofing product made of special highly elastic resins and additives resistant to piercing. Highly adhesive and easy to apply. It provides a high-thickness, insulating and protective waterproofing covering in just one coat. Ideal for waterproofing walls backed by soil, foundations and concrete products. It guarantees excellent resistance to bad weather and to ageing.*

#### APPLICATION

*Apply with a smooth spatula.*

#### CONSUMPTION

*2.8 – 3.3 kg/m<sup>2</sup>.*

#### USEFUL BOARDS

*Ensure that the supports are clean, dry and free from dust, grease and any matter preventing adhesion. The product must be dry throughout before being earthed again. It is not frost resistant. Before laying any waterproof product, please check underlying damp (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure. Store and apply over +5° and up to +35°.*

#### PACKING

*20 kg pails.*

#### STORAGE

*The product has 12 months stability if properly packed and stored in a cool dry place.*

**WINGUM P ANTIRADICE****DESCRIEIRE**

Membrana lichida bituminoasa, de o mare durabilitate si rezistenta, special conceputa pentru aplicatii pe terase verzi, ziduri de sprijin, sau pentru orice aplicatie in care exista prezenta semintelor sau a radacinilor.

**APLICARE**

Poate fi aplicata cu trafaletul, pensula, peria sau mistria.

**CONSUM**

2 – 2,5 kg/m<sup>2</sup> in doua straturi.

**RECOMANDARI**

Produsul e gata de utilizat si nu necesita dilutie cu apa. Deoarece trebuie sa ofere o buna rezistenta la radacini, este recomandata aplicarea in minim 2 straturi, in scopul obtinerii unui strat omogen si in cantitatea specificata. Se recomanda intotdeauna, inainte de aplicarea impermeabilizarii, verificarea prezenetei unei eventuale umiditati in suport (vezi fisa tehnica), pentru evitarea exfolierii si a bulelor, datorate presiunii vaporilor. Aplicati la temperaturi cuprinse intre +5°C si +35°C.

**AMBALARE**

Galeti de 5-20 kg.

**CULORI DISPONIBILE**

Alb, gri, rosu, verde.

**DEPOZITARE**

Produsul in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Feriti de inghet. Depozitat la temperaturi cuprinse intre +5°C si +35°C.

**ACCESORII**

BC Seal Band, WinJoint Band, Wintechno Mat si Winseal.

**WINGRIP BITUMINOSO****DESCRIEIRE**

Produs pe baza de bitum si polimeri de inalta calitate, in emulsie apoasa, gata de utilizat, cu un impact scasut asupra mediului. Special formulat pentru realizarea unui strat impermeabil si aderent, pentru lipirea placilor ceramice pe terase, balcoane, dusuri, ziduri de baie. Se aplica cu usurinta pe suprafete verticale si orizontale si este potrivit pentru suprapunerea placilor ceramice.

**APLICARE**

Produsul e gata de utilizat. Poate fi aplicat cu trafaletul, pensula, mistria sau prin pulverizare, in strat unic. Nu necesita primer. Pentru consolidarea si sigilarea colturilor, se recomanda aplicarea unei benzi butilice cu polipropilena BC SEAL BAND.

**CONSUM**

Pe orizontala: - 500 g/m<sup>2</sup> in suprapunere pe pardoseli existente

- 1 kg/m<sup>2</sup> pe suprafete cementoase

Pe verticala: - 400 g/m<sup>2</sup> in suprapunere pe pardoseli existente

- 800 g/m<sup>2</sup> pe suprafete diverse.

**RECOMANDARI**

Inainte de aplicare, este recomandata repararea eventualelor neregularitati de suprafata, lipirea placilor ceramice desprinse si verificarea umiditatii suportului pentru a evita formarea bulelor datorate presiunii vaporilor. Nu aplicati niciun amestec de ciment, inainte de uscarea completa. Aplicati la temperaturi cuprinse intre +5°C si +35°C.

**AMBALARE**

Saci de 5-10-20 kg.

**DEPOZITARE**

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitat-l la temperaturi cuprinse intre +5°C si +35°C.

**ACCESORII**

BC Seal Band, WinJoint Band si Winseal.

**DESCRIPTION**

*Bituminous liquid membrane in a paste with long life and high strength designed for application in hanging gardens, flower containers, retaining walls or all the applications where there are seeds and roots.*

**APPLICATION**

*It can be applied by roller, paintbrush, large brush, spatula or trowel.*

**CONSUMPTION**

*2-2.5 kg/m<sup>2</sup> in 2 coats.*

**USEFUL BOARDS**

*The product is ready to use and must not be diluted in water. It is suggested to apply the product in at least 2 coats to achieve an even finish: applying this amount will ensure very good resistance to roots. Before laying any waterproof product, please check for underlying damp (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure. Please apply it at temperatures between +5°C and +35°C.*

**PACKING**

*5-20 kg pails.*

**STORAGE**

*The product has 12 months stability if properly packed and stored in a cool dry place. Not frost-proof. Please store it at temperatures between +5°C and +35°C.*

**DESCRIPTION**

*Based on bitumen and high quality polymers, it is in an aqueous emulsion containing special additives and has very low environmental impact. Ready to use, it has been specifically formulated for creating a waterproof layer and adhesion surface for laying ceramics floors on balconies, shower trays and bath covering. It can be applied easily on both vertical and horizontal surfaces and it is recommended for tiling over existing tiles or cement blocks.*

**APPLICATION**

*The product is ready to use and can be applied with a brush, roller, large brush and airless spray gun, in one hand. It doesn't need any primer. For reinforcement and sealing of corners, we advise the application of the butyl band coated with polypropylene nonwoven BC SEAL BAND.*

**CONSUMPTION**

*Horizontal: – 500 g/m<sup>2</sup> for overlaying on existing floors.*

*– 1 kg/m<sup>2</sup> on cement blocks.*

*Vertical: – 400 g/m<sup>2</sup> for overlaying on existing floors.*

*– 800 g/m<sup>2</sup> on walls in general.*

**USEFUL BOARDS**

*Before applying, smooth out an unevenness in the surface, paste any detached tiles and check for any underlying damp in order to avoid the creation of vapour pressures. Do not use the product when rain is imminent or on wet surfaces. Do not apply any other cement mixture before the product has completely dried.*

**PACKING**

*5-10-20 kg pails.*

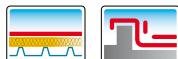
**STORAGE**

*The product has 12 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +40°C.*

**PRODUSE LICHIDE**

**LIQUID PRODUCTS**

## WINGRIP EVO



### DESCRIERE

Punte de aderenta universală, cu uscare rapidă, elastică, gata de utilizat, pe baza de rasini in dispersie apoasa si agregate selectionate. Se aplica usor si uniform, garantand o aderenta buna, pe suprafete netede sau neabsorbante (ce nu pot fi puncti de aderenta), ca beton, lemn, metal, ipsos, panouri izolante, caramizi, ciment celular, ceramica etc.

### APLICARE

Produsul e gata de utilizat. Poate fi aplicat cu trafaletul, pensula, mistria sau prin pulverizare.

### CONSUM

300 g/m<sup>2</sup> intr-un singur strat.

### RECOMANDARI

Produsul trebuie aplicat in conditii, ce pot asigura o uscare completa in cel mai scurt timp posibil. Prin urmare, nu se aplică pe suprafete inghetate, supuse inghetului pe timp de noapte sau in conditii de ploaie iminenta. Nu aplicati produsul pe suprafete cu umiditate ridicata. Asteptati cel putin 2 ore (in conditii climatice normale), inainte de a incepe aplicarea amestecurilor de ciment peste el. Aplicati la temperaturi cuprinse intre +5°C si +35°C.

### AMBALARE

Saci dE 5-10-20 kg.

### CULORI DISPONIBILE

Alb, gri.

### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitati-l la temperaturi cuprinse intre +5°C si +35°C.

### ACCESORII

WinJoint Band si Winseal.

**GENERAL**<sup>®</sup>  
**MEMBRANE**

### DESCRIPTION

*Universal, ready to use, elastic, fast drying bonding agent based on resins in aqueous solution and siliceous aggregates. It can be applied easily and smoothly, allowing an extremely strong adhesion, on smooth supports characterized by a low wettability (which don't provide any adhesion surface) such as concrete, wood, metal, plaster, insulating panels, bricks, cellular cement, ceramic etc.*

### APPLICATION

*The product is ready to use. It can be applied with roller, brush, large brush and airless spray gun.*

### CONSUMPTION

*300 g/m<sup>2</sup> in one coat.*

### USEFUL BOARDS

*The product must be applied in conditions when it can dry as quickly as possible. So do not apply on frozen surfaces, subject to the rigours of the night, or in wet weather conditions. Do not apply on bases subject to underlying damp. Wait for at least 2 hours (in not extreme weather conditions) before applying other cement mixtures.*

### PACKING

*5–10–20 kg pails.*

### AVAILABLE COLOURS

*White, grey.*

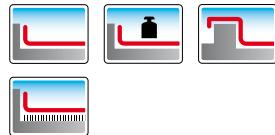
### STORAGE

*The product has 12 months stability if properly packed and store in a cool and dry place. Store at temperatures between +5°C and +35°C.*

## ADEZIVI

Produse din compound bituminos si polimeri, ideale ca si conectori intre straturile functionale ale stratigrafiei sistemului de impermeabilizare. Sunt constiutuite pe baza de solventi, pentru o uscare rapida sau pe baza de apa, pentru a diminua poluarea mediului inconjurator.

## GENERAL GLUE



## DESCRIERE

General Glue este un adeziv bituminos pe baza de solvent, aplicabil la rece, constituit din bitum, hidrocarburi, aditivi, filer, formand o pasta cu o mare lucratilitate.

## APLICARE

General Glue reduce efectele negative ale crapaturilor, in cazul in care ele exista. APLICAT PE UN SUPORT CU INCLINATIE DE MAX. 10% formeaza, dupa uscare, O BARIERA-CONECTOR INTRE SUBSTRAT SI SISTEMUL DE IMPERMEABILIZARE. Se foloseste la rece pentru aplicarea membranelor bituminoase.

## CONSUM

1kg/mp.

## RECOMANDARI

General Glue este gata de uz si se recomanda a fi aplicat pe suprafete cu pensula sau prin pulverizare. Aplicarea se face la temperaturi mai mari de 5°C pentru un consum de 1kg/mp. O data aplicat sub membranele bituminoase, produsul ramane lichid pana cand este usor absorbit de membrane, prevenind astfel imbatranirea lor.

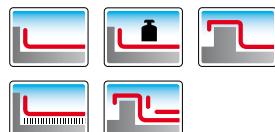
## AMBALARE

Cutii metalice de 5,10 sau 20kg.

## DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitatil la temperaturi cuprinse intre +5°C si +35°C.

## GENERAL GLUE HV



## DESCRIERE

General Glue HV este un adeziv bituminos pe baza de solvent, aplicabil la rece, constituit din bitum, hidrocarburi, aditivi si elastomeri.

## APLICARE

GENERAL GLUE HV este un mastic bituminos recomandat pentru lipirea la rece a panourilor termoizolante din poliuretan sau polistirene peste beton, metal sau membrane bituminoase, precum si pentru lipirea membranelor bituminoase in plan vertical, atunci cand este necesara aplicarea la rece.

## CONSUM

Vezi Recomandari.

## RECOMANDARI

General Glue HV este gata de uz, in timpul iernii se recomanda incalzirea intr-un bazin cu apa. Aplicarea prin puncte de lipire - 10 puncte per mp, fiecare punct de aprox. 50-80 grame. Aplicarea prin benzi adezive - 4 benzi, fiecare de 4 cm latime, per mp. In apropierea punctelor de imbinare cantitatile mentionate ar trebui dublate. Pentru inclinatii mai mari de 5% se recomanda si fixarea mecanica.

## AMBALARE

Cutii metalice de 25kg.

## DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitatil la temperaturi cuprinse intre +5°C si +35°C.

## GLUES

Products used to bond insulating functional layers and bituminous membranes constituting the waterproof stratigraphy. They consist of bituminous compounds and polymers, solvent-based for fast drying and water-based to provide an environmentally friendly version of the product.

## DESCRIPTION

*General Glue is a cold, solvent-based bituminous glue consisting of bitumen, aliphatic hydrocarbons, inert fillers, plasticizers, additives. It comes as a easily workable paste.*

## APPLICATION

*General Glue reduces the negative effects of cracks, if any. It should be evenly applied on the horizontal surface (max. slope 10%), and creates, once dried, even an intermediate barrier layer between the substrate and the membrane. Glue used for cold application of bituminous membranes.*

## CONSUMPTION

*1kg/mp.*

## USEFUL BOARDS

*General Glue is ready for use and must be applied on the surface with a suitable bladed tool, special spray guns or pumps specifically built. The glue should be applied at a temperature not below 5°C (BPP membrane application temperature) for a consumption of 1 kg/m<sup>2</sup>. The General Glue, placed under the bituminous surface, remains liquid for some time and is slowly absorbed by the membrane, preserving it from ageing.*

## PACKING

*5, 10 and 20 kg metal cans.*

## AVAILABLE COLOURS

*White, grey.*

## STORAGE

*The product has 12 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.*

## DESCRIPTION

*General Glue HV is a bituminous glue consisting of bitumen, elastomers, aliphatic hydrocarbons, inert fillers.*

## APPLICATION

*General Glue HV is bituminous mastic suitable for bonding polyurethane or polystyrene insulation panels on concrete, metal and bituminous membrane, but it is also suitable to bond bituminous membranes, vertically and cold applied.*

## CONSUMPTION

*See Useful boards.*

## USEFUL BOARDS

*General Glue HV is ready for use, possibly after pre-heating in a water bath during winter. Panels mounting with glue dots: 10 dots per m<sup>2</sup>, each dot 50-80 gr. Tot. 500-800 g/m<sup>2</sup>. Panels mounting with glue strips: 4 strips, each 4 cm wide, per m<sup>2</sup>. Tot. 650-850 g/m<sup>2</sup>. Near the perimeter, protruding elements and bulges in general, the strips number should be doubled and bonding is to be integrated with mechanical fasteners. For slopes greater than 5%, however, the bonding has to be integrated with mechanical fasteners.*

## PACKING

*25 kg metal cans.*

## STORAGE

*The product has 12 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.*

## PRODUSE LICHIDE

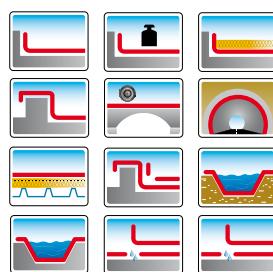
### LIQUID PRODUCTS



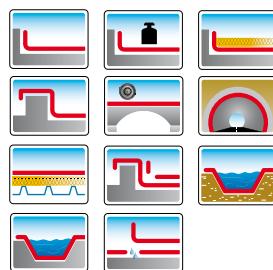
## AMORSE

Produse din compound bituminos si polimeri, ideale ca si conectori intre straturile functionale ale stratigrafiei sistemului de impermeabilizare. Sunt constituite pe baza de solventi, pentru o uscare rapida, sau pe baza de apa, pentru a diminua poluarea mediului inconjurator.

### GENERAL RAPID PRIMER



### GENERAL ECO PRIMER



#### DESCRIEIRE

GENERAL RAPID PRIMER este o solutie bituminoasa pe baza de bitum oxidat si solventi tehnici cu uscare rapida.

#### APLICARE

GENERAL RAPID PRIMER este utilizat ca amorsa pentru eliminarea prafului si porozitatii suprafetelor din beton, permitand astfel aplicarea rapida a membranelor bituminoase la cald, prin lipire la flacara sau la rece, prin lipire cu adeziv bituminos General Glue. Produsul se caracterizeaza printr-o uscare rapida a peliculei, o optima penetrare si aderența la suport.

#### CONSUM

200-350gr/mp.

#### RECOMANDARI

In general produsul de usuca in aproximativ o ora de la aplicare. Timpul se poate prelungi pana la 2 ore in cazul unui strat mai gros de primer, temperaturi scazute sau un suport nu foarte absorbant.

#### AMBALARE

Cutii metalice de 5, 10 sau 20l sau butoane metalice de 180l.

#### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitati-l la temperaturi cuprinse intre +5°C si +35°C.

#### DESCRIEIRE

GENERAL ECO PRIMER este o vopsea bituminoasa, pe baza de bitum si apa, utilizata ca amorsa pentru eliminarea prafului si porozitatilor din suprafetele de beton, permitand astfel aplicarea rapida a membranelor bituminoase. Se caracterizeaza printr-o buna aderența si penetrare a suportului, nu este inflamabil si nici periculos pentru utilizatori.

#### APLICARE

Se aplica pe structuri de beton; are o mare putere de penetrare si consolidare pe toate suprafetele cementoase uscate. Garanteaza o buna aderența atat pentru membranele bituminoase atat lichide cat si pentru cele cu polimeri. Este potrivit pentru lucrari de hidroizolatii in zone populatice, unde nu se pot folosi amorse pe baza de solventi. Nu este periculos, este inodor si nu prezinta riscul aprinderii in apropierea focului.

#### CONSUM

200-300gr/mp.

#### RECOMANDARI

Este important ca suprafetele de beton pe care urmeaza a fi aplicata amorsa sa fie cat mai uscate posibil, fara uleiuri si praf. General Eco Primer este gata de utilizare (nu trebuie diluat) fiind suficienta o reamestecare usoara inainte de utilizare. Aplicarea se poate face cu peria, pensula, trafalet sau pistolul cu aer comprimat. Unelele se pot curata cu apa. Timpul de uscare este influant de porozitatea betonului, de grosimea filmului si de temperatura suprafetei si a mediului ambient. Membrana bituminoasa se aplica pe suprafata tratata cu amorsa doar dupa ce aceasta va fi perfect uscata. In general pelicula de amorsa se usuca dupa aproximativ 4 - 6 ore de la aplicare in conditii optime si dupa circa 8 ore in cazul unui strat mai gros de amorsa, a unor temperaturi reci sau a unui suport putin absorbant.

#### AMBALARE

Cutii metalice de 20l sau butoane metalice de 180l.

#### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitati-l la temperaturi cuprinse intre +5°C si +35°C.

## PRIMER

*Functional products for the treatment of base supports for best adhesion of waterproof stratigraphy. They consist of bituminous primers that can be applied by roller or by brush in fast drying solvent-based solutions or ecological friendly water-based ones.*

#### DESCRIPTION

*General Rapid Primer is a bituminous solution consisting of oxidized bitumen and fast drying pure solvents.*

#### APPLICATION

*General Rapid Primer is used as a base coat to treat dusty and porous concrete surfaces by enabling fast application and laying of polymer-bitumen membranes, in both hot application with flame and cold ones with bituminous adhesive products like „General Glue.” The product is characterized by fast drying of the film, excellent penetration and adhesion to the surface and absence of surface tackiness.*

#### CONSUMPTION

*200-350gr/sqm.*

#### USEFUL BOARDS

*Generally the product film completely dries after approximately one hour from application. Up to 2 hours may be required in case of high primer thickness, cold temperatures or not very absorbent surfaces. The primer consumption ranges from 200 to 350 grams per square meter.*

#### PACKING

*5, 10 and 20-litre metal cans and 180 litre metal drums.*

#### STORAGE

*The product has 12 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.*

#### DESCRIPTION

*General Ecoprimer is a water-based bituminous paint consisting of bitumen in aqueous emulsion and additives. It is characterized by adhesion, good penetration of the support and especially for being water-based formulated. Therefore it is non-flammable and not hazardous to the user.*

#### APPLICATION

*General Ecoprimer is used in construction field as a primer to treat dusty and porous concrete surfaces, by enabling fast application and laying of polymer-bitumen membranes. It has a good penetrating and consolidating power on all dry concrete surfaces. Once applied it ensures good anchoring for laying of bituminous liquid or bituminous polymer membranes. It is suited for waterproofing in populated areas or, in general, where it is not advisable to use a solvent-based product. It is harmless and does not present a risk of ignition. It is odourless during application.*

#### CONSUMPTION

*200-300gr/sqm.*

#### USEFUL BOARDS

*Recommended tools: brush or airless spray (recommended nozzle diameter 0.5 mm to 150 Atm). For porous surfaces, apply a first coat diluted to 10% with water. Wait about 2 hours (at a temperature of 20° C and 55% humidity), then apply a second coat of undiluted product. If required also install the reinforcement taking care to remove air bubbles with the brush. After about 8 hours (at a temperature of 20° C and 55% humidity), apply the second coat.*

#### PACKAGING

*20-litre metal cans and 180 litre metal drums.*

#### STORAGE

*The product has 12 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.*

## VOPSELURI PROTECTIVE

Vopseluri protective pentru tratamentul suprafetelor expuse ale sistemului de hidroizolatie, disponibile in variantele cu aluminiu sau acrilice. Aplicabile cu pensula, trafaletul sau prin pulverizare, pe baza de apa sau solvent.

### GENERAL VERNICE ALU



#### DESCRIEIRE

General VERNICE ALU este o vopsea bituminoasa decorativa cu aluminiu, pe baza de solventi. Odata uscata aceasta realizeaza o pelcula care reflecta razele soarelui contribuind astfel semnificativ la izolarea termica a partilor protejate. Este suficient de elastica pentru a urmari miscarile si dilatările membranelor bituminoase pe care se aplică. În timpul verii reduce temperatura de la suprafața sistemului de impermeabilizare bituminos de la 80°C la 40-45°C, imbunatatind performantele sistemului si prelungind viata membranelor bituminoase.

#### APLICARE

General VERNICE ALU este utilizata ca strat protectiv reflectorizant ce confează membranelor bituminoase un aspect argintiu stralucitor.

#### CONSUM

Consum variaza de la 150 la 200 g/m<sup>2</sup> / strat. Se recomanda 2 straturi de aplicare.

#### RECOMANDARI

General VERNICE ALU se amesteca înainte de utilizare pentru a obține o omogenitate bună a produsului. Suprafetele care urmează să fie tratate trebuie să fie perfect curate. Se recomandă aplicarea pe timp frumos și pe suprafețe pe care nu stăionează apa. Se aplică utilizându-se spray, pensula sau trafalet. Se recomandă aplicarea pe membranele APP sau APAO și nu SBS, după 6 luni de la montare (3 luni pentru membrane biarmate). Pentru o întreținere optimă se recomandă vopsirea la fiecare 5 ani.

#### AMBALARE

Cutii metalice de 5, 10 și 20 kg.

#### DEPOZITARE

Produsul, în ambalajul original și stocat într-un loc racoros, are o valabilitate de 12 luni. Depozitați-l la temperaturi cuprinse între +5°C și +35°C.

### GENERAL VERACRILICA



#### DESCRIEIRE

General Veracrilica este o vopsea pe baza de copolimeri acrilici în emulsie apoaasă. Are o putere de optimă reflexie și este rezistentă la raze UV și ploi acide. Nu este un produs toxic.

#### APLICARE

General Veracrilica este o vopsea utilizată ca strat de protecție acoperitor pentru membranele bituminoase APP aplicate de cel puțin 3 luni și pentru prefabricate din beton pentru exterior.

#### CONSUM

300 g/mp pentru prefabricate din beton; 250 g/mp pentru membrane fără strat de protecție; 400-500 g/mp pentru membranele cu ardezie.

#### RECOMANDARI

Este important ca suprafetele de beton pe care urmează să fie aplicată vopseaua să fie cat mai uscate posibil, fără uleiuri și praf. Primul strat din produsul General Veracrilica, se aplică în stare pură sau diluată cu 10% apa. Dupa circa 2 ore se aplică și al doilea strat tot în stare pură sau diluat cu 5% apa. Se aplică cu pensula, trafalet sau pistol cu aer comprimat (diámetru duza 0,3 mm la 150 atm). **Atenție!** Se aplică în condiții meteo cu temperaturi mai mari de 10 °C fără risc de ploaie sau ceată. Nu se aplică pe membranele SBS.

#### AMBALARE

Cutii metalice de 5, 10 și 25 kg. Culori: gri, roșu, verde, alb.

#### DEPOZITARE

Produsul, în ambalajul original și stocat într-un loc racoros, are o valabilitate de 12 luni. Depozitați-l la temperaturi cuprinse între +5°C și +35°C.

## PROTECTIVE COATINGS

*Functional paints for the treatment of fully exposed superficial waterproofing systems without self-protection, available aluminumized or acrylic, applicable by brush, roller or airless, prepared in fast-drying solvent-based solutions or ecological water-based ones.*

#### DESCRIPTION

General Vernice Alu is a solvent-based decorative and bituminous protective paint with aluminium. Its formula consists of aluminium paste, necessary to ensure brilliant silvery appearance over time, solvents, mineral spirits, bitumen, oil resins, fillers. It does not contain chlorinated solvents. Once dried it forms a film that reflects the sun's rays, thus contributing in an appreciable way to improve thermal insulation of protected surfaces: it does not drip at high temperatures and is sufficiently pliable to adapt to movements and expansions of those polymer bituminous membranes subject to even the most severe temperature changes. During summer reduces the temperature of the bituminous surface from 80°C to 40–45°C, thus improving thermal insulation and waterproofing service life.

#### APPLICATION

General Vernice Alu is used as a protective and reflective coating for polymer-bitumen membranes, to which it gives a bright silvery appearance.

#### CONSUMPTION

Consumption ranges from 150–200 grams/m<sup>2</sup> per coat, two coats are always recommended.

#### USEFUL BOARDS

General Vernice Alu should be applied undiluted with an airless spray, or even using a roller or a brush. Just blend it slightly to get a homogeneous product that can be easily applied. It's recommended to be applied on the bituminous membranes APP and APAo, not on SBS ones, after 6 months since they had been installed (3 months for the ones with double reinforcement). Once every 5 years it's recommended to apply again the product.

#### PACKAGING

5, 10 and 20 litres metal cans.

#### STORAGE

The product has 12 months stability if properly packed and store in a cool and dry place. Store at temperatures between +5°C and +35°C.

#### DESCRIPTION

General Veracrilica is a water-based paint consisting of acrylic copolymers in aqueous solution. It has an excellent reflectivity and it is both UV- rays and acid rain resistant. Non-toxic product to protect both personal health and environment.

#### APPLICATION

General Veracrilica is used as a protective coating paint to be used on bituminous APP/APAO membranes and clay-cement products for outdoor use, it is suitable for the disposal of asbestos-containing material.

#### CONSUMPTION

Indicatively consumption ranges from 150/200 grams per square meter, 200/250 grams per square meter for self-protection products.

#### USEFUL BOARDS

Recommended tools: brush or airless spray (recommended nozzle diameter 0.3 mm to 150 Atm). Apply a first coat of GENERAL VERACRILICA undiluted or diluted with water to 5–10%. Wait approximately 4 hours and apply a second coat of pure product or diluted with water to 5%. Indicatively consumption ranges from 150/200 grams per square meter, 200/250 grams per square meter for self-protection products

#### PACKAGING

5, 10 and 25 Kg metal cans. Colour: grey – red – green – white.

#### STORAGE

The product has 12 months stability if properly packed and store in a cool and dry place. Store at temperatures between +5°C and +35°C.

## PRODUSE LICHIDE

### LIQUID PRODUCTS

## WINFLOOR TOP



### DESCRIERE

WINFLOOR TOP este o hidroizolatie circulabila transparenta destinata teraselor si balcoanelor cu probleme de infiltratii si surgeri. Produsul este folosit la tratamentele exterioare ale podelelor din ceramica, piatra naturala si caramizi. WINFLOOR TOP reprezinta o acoperire cu mare rezistenta, traficabila si fara riscul ingalbenirii.

### CONSUM

WINFLOOR TOP PRIMER: 100 gr/m<sup>2</sup>  
WINFLOOR TOP: 1 Kg/m<sup>2</sup> in 2 straturi  
WINFLOR TOP FINITURA: 100 gr/m<sup>2</sup>

### RECOMANDARI

Produsul este gata de utilizare si poate fi aplicat cu trafaletul sau pensula. Pentru aplicatii pe suprafete mari este posibil sa se foloseasca un dispozitiv de pulverizare cu diametrul duzei cuprins intre 0,015" si 0,025" si o presiune de 250 bari. Suprafata trebuie tratata cu WINFLOOR TOP PRIMER ( poate fi aplicat chiar si pe beton ). Dupa o pauza cuprinsa intre 30' si 3 ore, se poate aplica WINFLOOR TOP ( in 2 straturi, cu timp de asteptare de 6 ore intre straturi). Pentru a obtine o suprafata opaca, trebuie folosit WIN FLOOR TOP FINITURA OPACA. Pentru a obtine o suprafata lucioasa, trebuie folosit WIN FLOOR TOP FINITURA LUCIDA.

### AMBALARE

WINFLLOOR TOP PRIMER: 0,5Kg  
WINFLLOOR TOP: 5 kg  
WINFLOOR TOP FINITURA: 0,5 kg.

### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 6 luni. Depozitati-l la temperaturi cuprinse intre +5°C si +35°C.

## UNIBAR FINITURA



### DESCRIERE

Rasina protectiva antialunecare, fara solventi si rezistenta la apa, solventi comuni, uleiuri. Este utilizata atat ca strat final al ciclului UNIBAR, fie ca atare pe suprafete noi de beton, cu o bariera de vaporii. Aceasta este un finisaj special formulat pentru pardoseli destinate traficului MEDIU, cum ar fi zonele pietonabile, magazine, depozite, zone de trafic al motostivuitoarelor. Aceasta ofera o rezistenta exceptionala la uzura si garanteaza o suprafata anti-alunecare, chiar si in prezena petelor de ulei.

### APLICARE

UNIBAR FINITURA se aplica cu trafaletul sau pensula.

### CONSUM

Suprafete lise: 200 – 300 g/m<sup>2</sup> in 2 straturi. Suprafete dure, alterate: 300 – 400 g/m<sup>2</sup> in 2 straturi.

### RECOMANDARI

Amestecati la viteza mica sau manual, pana la obtinerea unui amestec omogen. Toate componentele sunt predozate, ca atare, urmati instructiunile de preparare din fisa tehnica. Nu adaugati apa sau solventi. Aplicati la temperaturi cuprinse intre +10°C si +35°C. Nu lasati expus, produsul neamestecat, langa surse de caldura.

### AMBALARE

Bicomponent - Galeti de 6 Kg (A+B).  
Culori: rosu-gri

### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni. Depozitati la temperaturi cuprinse intre +5°C si +35°C.

## GENERAL MEMBRANE®

### DESCRIPTION

Transparent waterproofing protective coat for terraces and balconies for walking on. It is applied to ceramic tiles, clinker, stone, and majolica, granulates, cement or marble. Exceptional resistance to ageing, to water and atmospheric agents. To be used on surfaces where the waterproof layer has been damaged and needs repairing without replacing the foundation.

### CONSUMPTION

WINFLOOR TOP PRIMER: 100 gr/m<sup>2</sup>  
WINFLOOR TOP: 1 Kg/m<sup>2</sup> in 2 straturi  
WINFLOR TOP FINITURA: 100 gr/m<sup>2</sup>

### USEFUL BOARDS

Ensure that supports are clean, dry and free from dust, grease and crumbly parts. Do not apply when rain is imminent or when dew is expected overnight. Before laying any waterproof product, check underlying damp (see technical sheets) to avoid scaling and superficial blisters due to vapour pressure.

### PACKAGING

WINFLOOR TOP PRIMER: 0,5 Kg  
WINFLOOR TOP: 5 Kg  
WINFLOOR TOP FINITURA: 0,5 kg.

### STORAGE

The product has 6 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.

### DESCRIPTION

Non-slip protective resin, solvent-free and resistant to water, to common solvents and to oils. It is used both as a final coat of the UNIBAR cycle and on new cement foundation with moisture barrier. A finish specifically formulated for floors with MEDIUM-LIGHT traffic, such as pedestrian areas, garages, warehouses and areas for forklift trucks. It is exceptionally resistant to being walked on and assures a very good non-slip surface even where there are also with oil stains.

### APPLICATION

UNIBAR FINITURA ANTISDRUCCIOLO can be applied by roller or paintbrush.

### CONSUMPTION

Smooth surfaces: 200 – 300 g/m<sup>2</sup> in two coats.  
Rough or damaged surfaces: 300 – 400 g/m<sup>2</sup> in two coats.

### USEFUL BOARDS

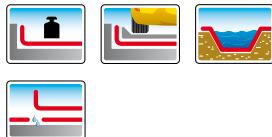
Use a low-speed or manual drill to evenly blend the two components. All the components are premixed; therefore prepare the product in line with the instructions in the technical sheet. Do not add water or solvents. Apply at temperatures between +10°C and +35°C. Do not leave the non-mixed product exposed to heat sources.

### PACKAGING

Two-component – 6 kg pails (A+B)  
Colours: red-grey

### STORAGE

The product has 6 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.

**WINPAINT COLORATO****DESCRIERE**

Vopsea elastică bicomponentă, colorată, pe baza de poliuretan, destinată protecției și impermeabilizării piscinelor. Aceasta poate fi, de asemenea, utilizată la protecția podurilor, viaductelor, structurilor de beton în general. Produsul are o ridicată rezistență la apă și la agentii atmosferici.

**APLICARE**

Pe suprafețe foarte absorbante este recomandabilă aplicarea unui strat de WINPAINT FLEX PRIMER, cu trafaletul sau prin pulverizare, diluat în raport 1:1 cu apă, 100-150 g/m<sup>2</sup>. După 90 minute, aplicați WINPAINT COLORATO, aplicabil cu trafaletul sau prin pulverizare, după ce ati amestecat bine cele două componente.

**CONSUM**

500-600 g/m<sup>2</sup> în două straturi.

**RECOMANDARI**

Suprafața trebuie să fie compactă, curată, fără praf sau grăsimi. Particule friabile, laptele de ciment sau alte substanțe străine trebuie îndepărtate.

**AMBALARE**

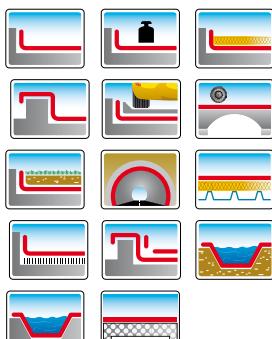
Galeata de 5 kg (A+B).

Galeata de 20 kg (A+B).

Culori: Albastru-azur și gri

**DEPOZITARE**

Produsul, în ambalajul original și stocat într-un loc racoros, are o valabilitate de 12 luni.

**WINSEAL****DESCRIERE**

Adeziv-etansezant bituminos, permanent elastic și cu o mare aderență. Aplicabil la rece, gata de utilizat, adera la suprafețe umede, chiar și sub apă. Poate fi aplicat pe beton, lemn, metal, caramida, ipsos, PVC și materiale plastice, de exemplu polietilena. Permite lipirea tuturor membranelor bituminoase între ele și se peretin perimetrali, sigilează și repară diverse sisteme de drenaj de apă pluvială, canale, rezervoare chiar și de apă potabilă, camine, tevi de PVC și lipeste toate tipurile de panouri izolante pe membrane bitum-polimer, lemn și beton.

**APLICARE**

Si aplica cu pistolul manual sau prin presiune cu o spatula.

**CONSUM**

In funcție de dimensiunile rostului sau tipul aplicatiei, aprox. 90-100gr/m, pentru o latime a rostului de 10cm.

**RECOMANDARI**

Suprafața trebuie să fie curată, lipsită de praf sau grăsimi.

Temperatura de aplicare: între +5° și +30°. La temperaturi inferioare se recomanda o incalzire locală (de ex. apă caldă).

**AMBALARE**

Cartuse de 280 ml – 24 buc/cutie.

Pungi pentru pistol profesional de 2 - 4 kg.

**DEPOZITARE**

Produsul, în ambalajul original și stocat într-un loc racoros, are o valabilitate de 2 ani.

**DESCRIPTION**

Coloured two-component elastic covering with polyurethane base, ideal for protecting and waterproofing swimming pools. It can be used also for bridges, viaducts and concrete structures in general. This product is waterproof and resistant to bad weather.

**APPLICATION**

Apply a WINPAINT FLEX PRIMER coat on highly absorbent surfaces using a roller or a spray gun, diluted 1:1 with water, 100–150gr/sqm. After 90 minutes apply INPAINT COLORATO using a roller or spray, after having mixed both components thoroughly.

**CONSUMPTION**

500–600gr/sqm, in two coats.

**USEFUL BOARDS**

The support must be clean and dry and free from dust or grease. Crumbling or powdery parts, concrete crust or other extraneous substances must be carefully removed.

**PACKAGING**

5kg pails (A+B)

20kg pails(A+B)

Colours: sky-blue, white and grey.

**STORAGE**

The product has 6 months stability if properly packed and stored in a cool and dry place. Store at temperatures between +5°C and +35°C.

**DESCRIPTION**

Professional mono-component adhesive sealant based on special bitumen and high quality polymers.

**APPLICATION**

It is used for the sealing and adhesion of overlap joints during the cold laying of bitumen-polymer membranes by using professional adhesives such as WINGLUE and WINGLUE UNIVERSAL.

**CONSUMPTION**

About 90–100 g/m. Joint width: 10 cm

**USEFUL BOARDS**

The support must be clean and dry and free from dust or grease

**PACKAGING**

280 ml cartridge – 24 pieces per box

**STORAGE**

The product has 2 years stability if properly packed and stored in a dry and protected place.

## PRODUSE LICHIDE

### LIQUID PRODUCTS

#### GENERAL IZOLROST



##### DESCRIERE

GENERAL IZOLROST este un amestec bituminos, elastomeric, cu aplicare la cald, care rezista la tensiunile si miscarile generate in mod obisnuit in rosturile de dilatare.

##### APLICARE

GENERAL IZOLROST este recomandat pentru etansarea sau colmatarea rosturilor prin turnarea la cald. Acest amestec bituminos este folosit la colmatarea rosturilor dintre placile de beton, la imbinarea dintre beton si trotuare sau pavaje asfaltice, intre asfalt si borduri, pavaje. GENERAL IZOLROST se caracterizeaza prin rezistenta buna la solicitari mecanice, aderenta buna la suprafata rosturilor, stabilitate la variatiile de temperatura, comportament bun la actiunea apei.

##### CONSUM

Lungimea rostului (cm) x Latimea rostului (cm) x Adancimea rostului (cm) x Densitatea masei (g/cm<sup>3</sup>) = Consum in grame

##### RECOMANDARI

Suportul pe care urmeaza sa se aplică General Izolrost va trebui sa fie perfect uscat si bine desprafuit prin suflare cu aer sau periere temeinică. Rostul de dilatare care urmeaza sa fie impermeabilizat va fi amorsat cu General Rapid Primer. Amorsa se va aplica pe toata suprafața flancurilor rostului, in film uniform. Aplicarea amorsei se va realiza cu pensula sau cu echipament de pulverizare. Partile friabile, laptele de ciment sau alte substanțe straine trebuie îndepărtate.

##### AMBALARE

Produsul GENERAL IZOLROST este disponibil la cutii metalice de 23kg.

##### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.

#### GENERAL TOPIZOL



##### DESCRIERE

General Topizol este un amestec omogen de bitum si material de umplere.

##### APLICARE

General Topizol este utilizat ca masa bituminoasa pentru realizarea de hidroizolatii la cald.

##### CONSUM

Consumul aproximativ este de 2-3 kg/mp.

##### RECOMANDARI

Este important ca suprafetele de beton pe care urmeaza a fi aplicat acest amestec sa fie cat mai uscate posibil, fara uleiuri si praf. General Topizol se topeste si se aplica fierbinte pe stratul suport. Topirea de material tocata trebuie sa se faca treptat, amestecand continuu, iar temperatura nu trebuie sa depaseasca 180 °C. Aplicarea se poate face cu peria, pensula sau trafaletul.

##### AMBALARE

Cutii metalice de 25 kg.

##### DEPOZITARE

Produsul, in ambalajul original si stocat intr-un loc racoros, are o valabilitate de 12 luni.



##### DESCRIPTION

*GENERAL IZOLROST is a warm bitumen , elastomeric, material homogenized mix, tensile resistant, recommended for expansion joints works.*

##### APPLICATION

*GENERAL TOPIZOL can be applied by roller or airless spray. It is recommended for the sealing and warping of expansion joints, concrete slabs, between concrete boards and sidewalks or boarders.*

##### CONSUMPTION

*Expansion joint length(cm) x Expansion joint width(cm) x Expansion joint depth (cm) x Mass density(g/cm<sup>3</sup>) = Consumption(g)*

##### USEFUL BOARDS

*The support must be clean and dry and free from dust or grease. The expansion joint should be first treated with General Rapid Primer, applied by brush or airless spray. Crumbling or powdery parts, concrete crust or other extraneous substances must be carefully removed.*

##### PACKAGING

*23kg pails.*

##### STORAGE

*The product has 12 months stability if properly packed and stored in a dry and protected place.*

##### DESCRIPTION

*GENERAL TOPIZOL is an bitumen and filling material homogenized mix, recommended for the warm waterproofing works as a bituminous base.*

##### APPLICATION

*GENERAL TOPIZOL can be applied by roller or paintbrush.*

##### CONSUMPTION

*About 2-3kg/sqm.*

##### USEFUL BOARDS

*The support must be clean and dry and free from dust or grease. The melting of the product should be made gradually, at a temperature not higher than 180 °C, by continuous mixing.*

##### PACKAGING

*25kg pails.*

##### STORAGE

*The product has 12 months stability if properly packed and stored in a dry and protected place.*

**SEDIU CENTRAL**

Sos. Pogonele, nr. 18, 120225; Buzau - Romania  
Telefon: +40 238.71.81.81; Fax: +40 238.91.91; GSM: +40 728.377.000  
E-mail: office@generalmembrane.ro  
www.generalmembrane.ro

**OFFICE BUCURESTI**

Str. Alexandru Constantinescu, nr. 67/2; Bucuresti - Romania  
Telefon/Fax: +40 21.224.10.97  
E-mail: bucuresti@generalmembrane.ro

**CENTRU LOGISTIC CLUJ**

Valcele, Soseaua Cluj-Turda, Km 45, Romania  
Fax: +40 264.55.66.07  
E-mail: cluj@generalmembrane.ro

**CENTRU LOGISTIC CONSTANTA**

B-dul I.C. Bratianu, nr. 45; Constanta - Romania  
Telefon/Fax: +40 241.62.62.49  
E-mail: constanta@generalmembrane.ro

