

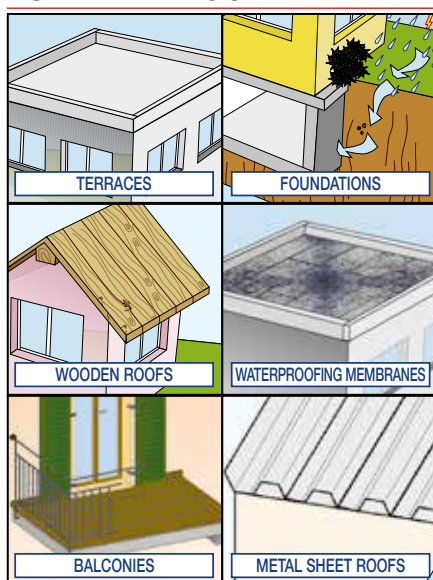


PURLASTIC FLASHING

THIXOTROPIC ONE-COMPONENT POLYURETHANE-BITUMEN
MULTIFUNCTIONAL WATERPROOFING IN READY-TO-USE PASTE,
RAINFOOF STRAIGHT AWAY, FOR NEW WATERPROOFING OPERATIONS
AND REPAIRING OLD BITUMEN COVERINGS

CHARACTERISTICS			ENVIRONMENTAL	METHOD OF USE				PRECAUTIONS
ONE-COMPONENT	SOLVENT BASED	WATERPROOF		SPRAY APPLICATION	APPLY BY BRUSH	APPLY BY ROLLER	APPLY BY INOX SPATULA	

PROBLEM TO WATERPROOF:



SOLUTION

PURLASTIC FLASHING is a thixotropic one-component liquid polyurethane-bitumen membrane.

The material hardens with air humidity and creates a strong flexible membrane with excellent adhesion to bituminous substrates.

The finished film offers excellent mechanical and chemical properties.

PURLASTIC FLASHING is thixotropic and can be applied on vertical surfaces without dripping in just one single coat of 1-mm thickness at maximum.

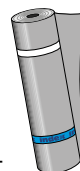
PURLASTIC FLASHING offers excellent resistance to U.V. rays and can be left exposed without deterioration (any changes in tone or colour over time do not alter the technical or performance features). For aesthetic purposes is it recommended to protect it with a protective finish, such as **WHITE REFLEX**, **INDECOLOR FLOOR**, **ELASTOLIQUID S** - Index).

Tiles can be laid onto **PURLASTIC FLASHING** C2S1, C2S2 according to EN 12004:2007+A1:2012.

APPLICATION FIELDS

It is used for: foundation walls; roofs; metal sheet and fibre cement roofs; bathrooms and kitchens; plasterboard and cement panels; repair work of bituminous membranes, previously treated.

Large surface. For surface areas over 50 m² or surfaces subject to strain, it is recommended to reinforce the product with **RINFOTEX EXTRA** (covered polyester non-woven fabric reinforcement spread and incorporated into the waterproofing in order to obtain improved waterproofing resistance levels), by burying the reinforcement into the first generous coat while it is still wet. The reinforcement overlaps must be 10 cm.



ADVANTAGES

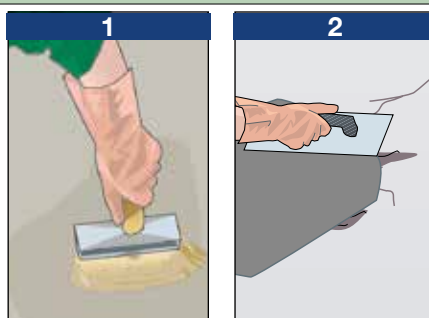
- One component
- Ready-to-use
- Rainproof straight away
- Resealable packaging to reuse the product
- High bond without adhesion promoters
- Can be applied on various types of supports
- High compatibility with bitumen membranes
- Can be applied by paintbrush, roller, spatula and spray gun
- Easy to apply on complex profiles
- Excellent thermal resistance: -40°C/+90°C
- Excellent mechanical properties, high tensile, tear, elongation and abrasion strength
- Excellent resistance to chemical agents.



METHOD OF USE

• SURFACE PREPARATION

It generally ensures a good adhesion to cement and other common substrates even without the use of adhesion promoters. Substrates with dampness >5% and dusty and loose substrates must be previously consolidated by using **POLIDUR PRIMER** (1). The conditions of a standard cement substrate must be the following: hardness RC = 15 MPa, dampness <5%. The surface must be clean, removing traces of oil, grease and dirt in general. Remove the cement salts



from the surface, any loose parts, chemical agents and cement evaporation retarding membranes. Fill any cracks or holes in the substrate with a suitable mortar (2).

Display on your
smartphone
the application
instruction video

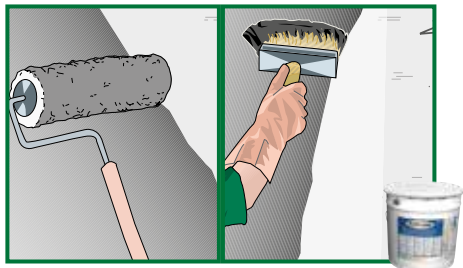


• APPLICATION

PURLASTIC FLASHING is ready to use for vertical application. For horizontal application with a roller or paintbrush dilute with thinner **DILUENTE PUR - Index**, and apply in two layers (maximum thickness 1 mm per coat). When applying with an airless gun, dilute the product with thinner **DILUENTE PUR - Index**, to make the job easier. On porous or very absorbent surfaces apply the first coat diluted.

• COVERAGE

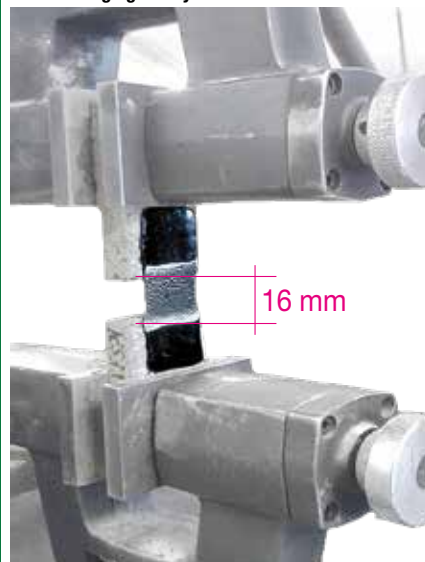
The coverage is of 1-1,5 kg/m².



• PRECAUTIONS

- It contains a small quantity of volatile and flammable solvents; apply in well-airy areas and not in the presence of naked flames.
- Treat the dry surface of **PURLASTIC FLASHING** with a coat of **PRIMER FIX** to remove sticky areas, especially during summer time.
- When it is left exposed, the product can undergo changes in tone or colour over time, which do not alter the technical or performance features. For aesthetic purposes is it recommended to protect the applied product with a protective finish (such as **WHITE REFLEX**, **INDECOLOR FLOOR**, **ELASTOLIQUID S - Index**).
- Clean the tools and equipment first with a sheet of paper and then with solvent. Rollers, however, cannot be used again.
- For application on membrane, verify the following before application. If finished with:
 - slate: cleaning is enough
 - sand: cleaning is enough
 - Flamina: torch the membrane superficially
 - Texflamina: it must be new
 - talc: cleaning with thinner, water or soap is requested.
- Do not apply thick coats of the product.

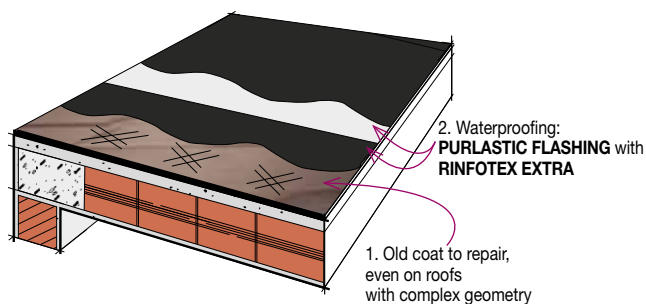
Crack-Bridging Ability Test



PURLASTIC FLASHING is a product designed and calibrated to pass the "Crack-Bridging Ability" test, which simulates the dimensional movements characteristic of the underlying surface and guarantees maximum adhesion.

REPAIR OLD WATERPROOFING

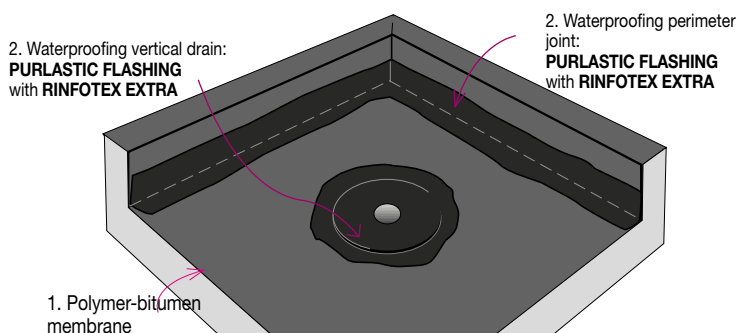
Repair operation



Apply **PURLASTIC FLASHING** and **RINFOTEX EXTRA** on bitumen membrane

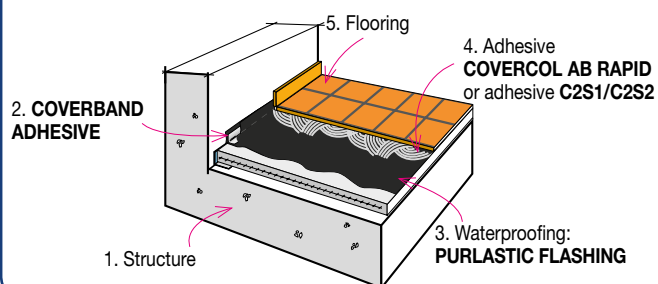


Difficult details or where torches cannot be used

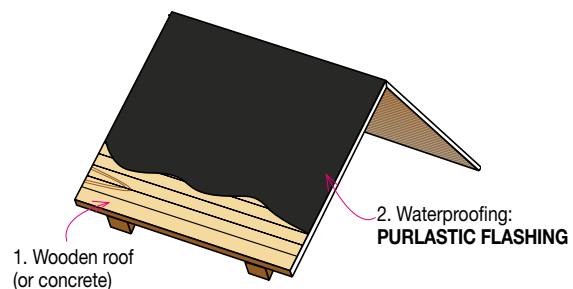


WATERPROOFING NEW STRUCTURES: TERRACES, BALCONIES, FOUNDATIONS AND PITS, ROOFS, METAL SHEETS, DIFFICULT PARTS

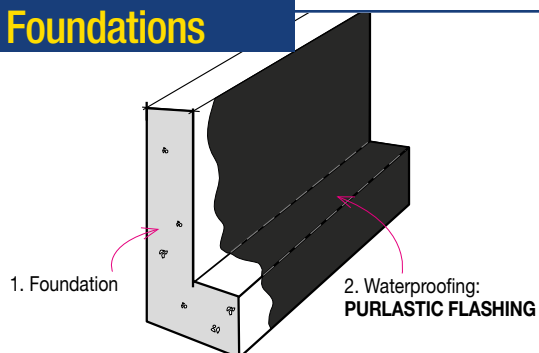
Terraces and balconies



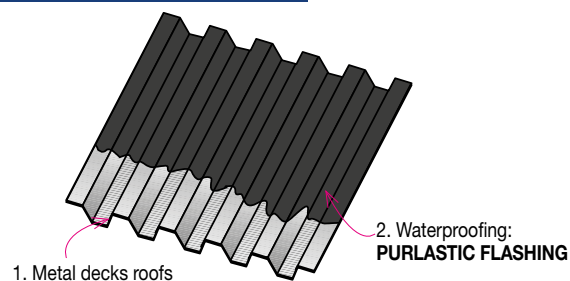
Roofs



Foundations



Metal decks roofs



REFERENCES



TECHNICAL CHARACTERISTICS

	Standard	PURLASTIC FLASHING
Appearance		Dense paste
Colour		Black
Density	EN 2811-1	1.04 ± 0.10 kg/L
Brookfield viscosity - at 25°C	ISO 2431	>40 000 cP
Flash point		>50°C
Shelf life in original packaging in a dry place		12 months
Workability		
Max. application thickness		1 mm
Waiting time - touch dry (*)		1 ÷ 2 hours
Waiting time - recoating (*)		12 ÷ 24 ore
Waiting time - complete drying (*)		24 ÷ 48 hours
Waiting time - for application of ceramic or paints (*)		6 ÷ 24 hours
Application temperature		+5°C ÷ +35°C
Application		manual or spray
Performance characteristics	Standard	Product performance
Class and type	EN 1504-2	C PI-MC-IR
Initial tensile bond strength - after 28 days - on concrete	EN 14891 A.6.2	≥2.0 N/mm²
Initial tensile bond strength - on ceramic surface		≥1.0 N/mm²
Initial tensile bond strength - on bituminous membrane		50 N/cm
Cold flexibility	UNI 1109	-40°C
Permeability to aqueous vapour	EN 7783-1	5 m ≤ Sd <50 m - class II
Adherence test	EN 1542	≥0.5 MPa
Capillary water absorption	EN 1062-3	w < 0.01 kg/m²·h0.5
Permeability to CO ₂	EN 1062-6	Sd >50 m
Watertightness	EN 14891	>250 KPa - waterproof
Crack-bridging		>16 mm
Ultimate elongation	NFT 46002	>600%
Ultimate tensile strength	NFT 46002	1.2 ± 0.1 MPa
QUV Accelerated Weathering Test	ASTM G53	Test passed 1 000 hours
Chemical resistance: Sodium hypochlorite 5%		No effect
Hydrolysis resistance: Potassium hydroxide 8%		No effect
Thermal stability (100 days @ 80°C)	EOTA TR011	Test passed
Max. instantaneous temperature (shock)		150°C
Thermal resistance - Operating temperature		-40°C ÷ +80°C
Hazardous substances	EN 1504-2	in accordance to ZA.1 note

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These data may change depending on specific site conditions: temperature, ventilation, moisture and substrate absorbency.**

(*) The times indicated will be longer or shorter as the temperature drops or rises.

Pursuant to European standard **EN 1504-9** - General principles for the use of products and systems.

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

PACKAGING

15-kg Pail
4-kg Can
1-kg Can

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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