

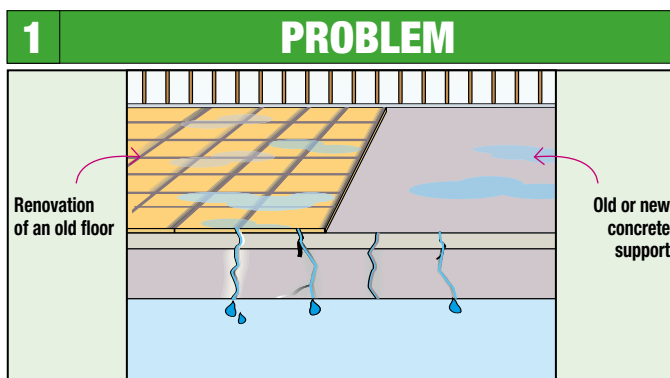
SELFTENE STRIP TERRACE

THE QUICKEST AND MOST RELIABLE WAY TO WATERPROOF TERRACES AND BALCONIES IN ALL SEASONS, WITH NO DEMOLITIONS

EXCLUSIVE ANTI-FRACTURE SELF-ADHESIVE ELASTOMERIC WATERPROOFING MEMBRANE, WITH LOWER SIDE COATED WITH SELF-ADHESIVE STRIPS AND UPPER SIDE COATED WITH TILEABLE MICROFINISH MINERAL

GRANTS *LEED* CREDITS

CATEGORY	CHARACTERISTICS			ENVIRONMENTAL						METHOD OF USE	
 SPECIAL ELASTOMERIC FOR SPECIFIC USES	 WATERPROOF	 SUPER-ADHESIVE	 REACTION TO FIRE	 ECO GREEN	 ASBESTOS FREE	 TAR FREE	 CHLORINE FREE	 RECYCLABLE	 NON DANGEROUS WASTE	 EXHAUSTED OIL FREE	 APPLICATION BY PRESSURE



1 PROBLEM

WATERPROOFING A BALCONY, A TERRACE OR A FLAT ROOF WITH AN ANTI-FRACTURE SELF-ADHESIVE MEMBRANE UNDERTITLE SYSTEM

In new builds, upon completion it often arises that on balconies and terraces the thickness isn't sufficient for laying a screed. The same in the case of renovations, when the demolition of the old floor should be avoided. Also the new and old screeds have the problem of the formation of cracks or crevices that can be propagated to the floor.

2 SOLUTION

SELFTENE STRIP TERRACE is the self-adhesive membrane that can be paved directly to waterproof balconies, terraces and flat roofs, and to contain the propagation of cracks in the floor.

SELFTENE STRIP TERRACE is a self-adhesive membrane with special and exclusive resin-bituminous mixtures (SBS), reinforced with a composite non-woven polyester fabric stabilised with fiber glass; high mechanical strength and high dimensional stability, which has the lower side coated for 40% of the surface with strips made from a special elastomeric material, self-adhesive by simple pressure at ambient temperature; it is made up of a particular mixture of selected bitumen, tackifying resins and radial and linear thermoplastic elastomeric polymers with adhesive properties durable over time. The strips protrude from the thickness of the membrane and together with the remaining 60% of the surface that is sandblasted and not glued, for a partial contact in semi-adhesion, determine a micro air space that allows the diffusion of water vapour and prevents the formation of bubbles when operating on media with residual moisture.

The adhesive material of **SELFTENE STRIP TERRACE** is made from special elastomeric mixes that allow to keep for long time unchanged the adhesiveness during the storage phase and the good adhesiveness that distinguishes it even at low temperature is due to the special formulation with "antifreeze" additives".

The upper face of **SELFTENE STRIP TERRACE** is covered with micro-granules of slate.

The special particularly smooth mineral microfinish constitutes an optimal surface for the adhesion of the floor glue and PURLASTIC FLASHING or alternatively UNOLASTIC. In order to facilitate the laying, the silicone film that protects the lower adhesive side is

split in two overlapped halves that can be removed individually even when **SELFTENE STRIP TERRACE** is already laid down and aligned.

The **SELFTENE TERRACE SYSTEM** is the only one that exceeds the dynamic Robinson Test that simulates the deformation and stress fatigue in the flooring.

Half the time to lay. Twice the time for yourself.



SELFTENE TERRACE SYSTEM

halves the laying time for the renovation of terraces and balconies. No need to strip up the existing tiles and useable all the year.

APPLICATION FIELDS

SELFTENE STRIP TERRACE is a membrane intended for single-layer under-floor waterproofing on balconies and terraces where the thickness isn't sufficient for laying a screed or for renovations without having to demolish the existing floor and when it isn't possible to use a torch.

SELFTENE STRIP TERRACE is glued in semi-independence when the laying surface is visually dry but you are uncertain that the substrate is completely dry.



INTENDED USE OF "CE" MARKING SPECIFIED ACCORDING TO THE AISPEC-MBP GUIDLINES

EN 13707 – REINFORCED BITUMEN SHEETS FOR ROOF WATERPROOFING

- Upper layer in multi-layer systems without permanent heavy surface protection - SELFTENE STRIP TERRACE
- Single-layer under heavy protection - SELFTENE STRIP TERRACE

ADVANTAGES

- Laying tiles directly onto the membrane.
- Quick to apply and rainproof straight away.
- Easy to apply without special tools.
- No demolition or disposal of the old floor is needed.
- Can be applied to damp surfaces even in winter due to Index strip technology.
- Guaranteed level and thickness with anti-cracking reinforcement.
- Crack resistant for exterior and interior use.
- Can be walked on during application.

FULFILS THE CRITERIA OF THE ENVIRONMENTAL PROTOCOLS

LEED NC 2009 Italia (updated on 9 February 2016)

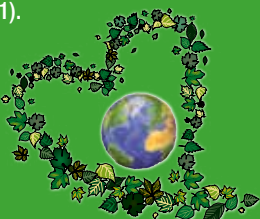
- Contains recycled materials (MR Credit 4).
- Allows building reuse (MR Credit 1.1).

Green Public Procurement (CAM PAN-GPP)

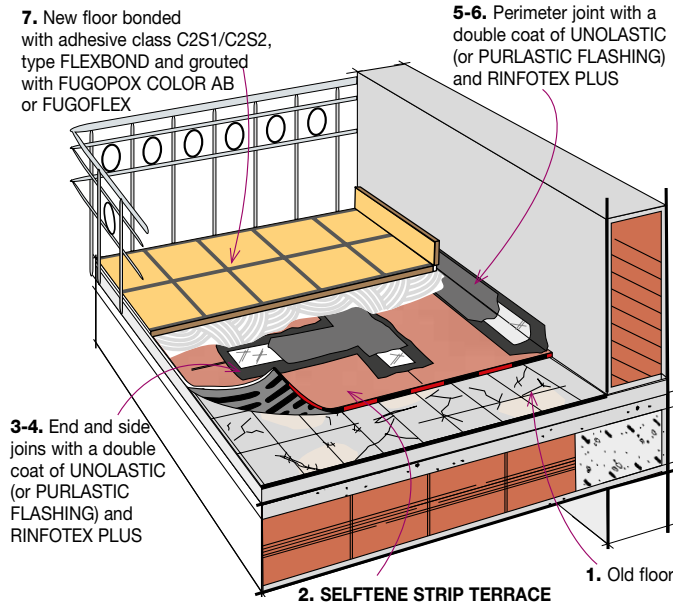
- Contains recycled materials (2.4.1). Prevents the production of demolition waste (2.5.1)

ITACA – UNI/Pdr 13.1:2015

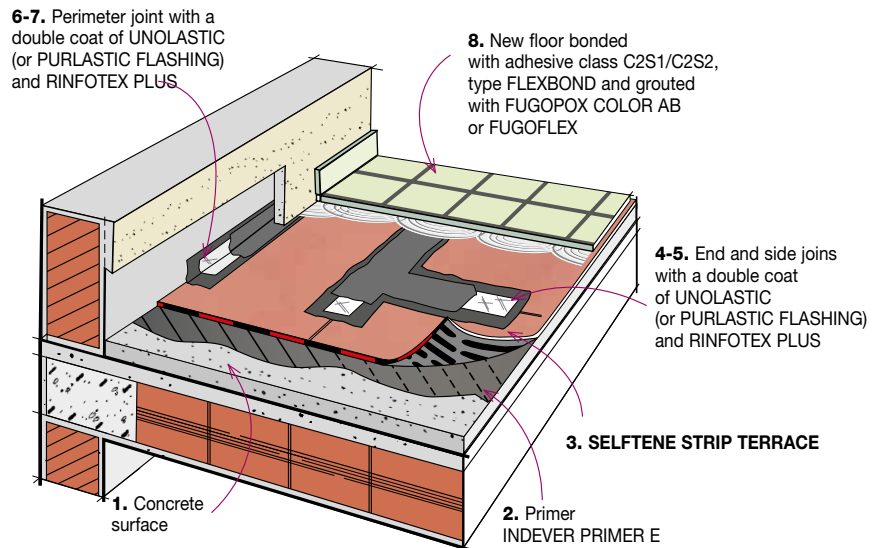
- Contains recycled materials (B.4.6).
- Allows the reuse of existing structures (B.4.1).



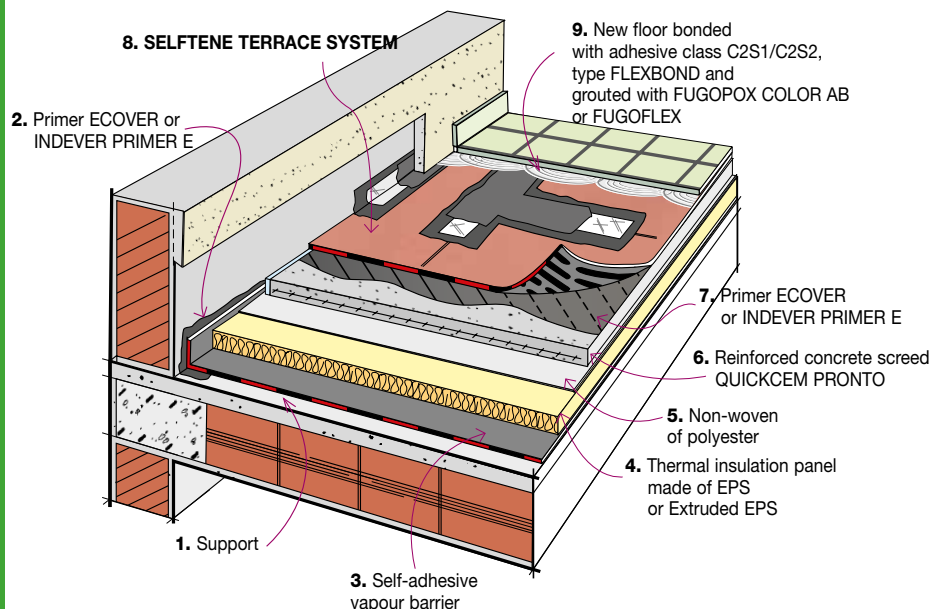
APPLICATION ON OLD TERRACE AND BALCONY FLOORS, WITHOUT DEMOLITION



APPLICATION ON CONCRETE SUPPORT, EVEN WET, OF TERRACES AND BALCONIES



APPLICATION ON CONCRETE SUPPORT, WITH THERMAL INSULATION



METHOD OF USE

SELFTENE STRIP TERRACE adheres to the most common building materials: ceramic floors, tiles, cement, metal and wood surfaces. The application surface should be smooth and planar; porous surfaces such as concrete and brick surfaces must be prepared with one coat of primer ECOVER 150 to 400 g/m², or PRIMER U. In the winter season and/or when it is imminent the risk of rain, it is possible to replace ECOVER with INDEVER PRIMER 250 to 500 g/m².

Unroll the membrane on the laying surface aligning it at the bottom of one of the walls and cut to measure. Remove the silicone-coated film half from the lower face opposite the masonry taking care not to move the sheet and lose the alignment.



Exert suitable pressure on the half of the roll where the silicone-coated film has been removed so that it sticks to the surface. Then remove the other half of the silicone-coated film from the lower face and exert sufficient pressure on the whole sheet. Lay the second sheet alongside, ensuring it does not overlap the first sheet, and repeat the operations described above. It is important to perform a general pressing **SELFTENE STRIP TERRACE** on the laying surface with the use of a roller.



The longitudinal joining lines will be sealed with UNOLASTIC, spreading a first coat, 15 cm wide, armed with RINFOTEX EXTRA strip (or RINFOTEX PLUS) of the same height placed at the turn of juxtaposed sheets, which will be then covered with a second coat of UNOLASTIC.

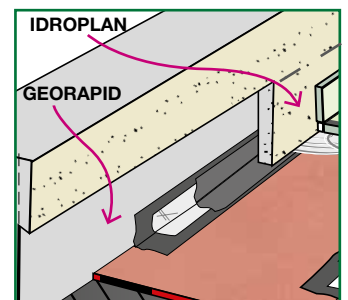


In the case of the head lines will repeat the same operation while making sure that UNOLASTIC



armed with RINFOTEX EXTRA (or RINFOTEX PLUS) overflows by 8-10 cm on both sides of the line of juxtaposition. In the case of imminent rain, to put the water out of the terrace, seal all juxtapositions with PURLASTIC FLASHING.

On the outside walls, the location for the vertical cuff of the coat with a deep recess of least 2 cm smoothed with GEORAPID must be made. The vertical parts will be created by spreading a coat of UNOLASTIC armed with RINFOTEX EXTRA (or RINFOTEX PLUS) then covered with a second 10cm coat of UNOLASTIC on the horizontal surface and vertically over the level of the skirting board. Subsequently, the vertical parts are protected with an IDROPLAN plaster armed with RETINVETRO PER INTONACI. If it is not possible to obtain in the wall the vertical location, the head of the waterproof covering is protected by a drip metal section mechanically secured to the pad together with the membrane and sealed in the upper part with UNISIL G. The section will be provided with a metallic wing that will fully protect the vertical part of the covering to the floor.



Alternatively to UNOLASTIC the waterproofing single-component polyurethane-bitumen can be used, with the same procedure: PURLASTIC FLASHING. In this case the surface will be immediately out of the rain.



Place the new tiles



Grouting the flooring

On **SELFTENE STRIP TERRACE** and hardened UNOLASTIC or PURLASTIC FLASHING, are layered directly the ceramic flooring and tiles preferably using cementitious adhesives modified resins in class C2S1/C2S2 compliant to the coating to apply.



• PRECAUTIONS

- Store the rolls in a dry place indoors and take them to the laying location only when about to be applied.
- The exclusive thomsonite of **SELFTENE STRIP TERRACE** have thermoplastic properties, so during the hottest hours of summer days they soften, while in contrast with the cold harden and decreases the adhesiveness of the product.
- The excellent cold behaviour of **SELFTENE STRIP TERRACE** does not justify the laying of the self-adhesive membrane at low temperatures without precautions. Below +10°C also according to the humidity conditions of the air and the surface, particular attention must be paid during laying, if necessary using hot air heating appliances or a "light flame". The temperature of +5°C remains the laying threshold limit.
- The UNOLASTIC (and PURLASTIC FLASHING) package must be opened immediately before laying.
- The minimum temperature for applying UNOLASTIC and PURLASTIC FLASHING is +5°C.
- For the application warnings for UNOLASTIC and PURLASTIC FLASHING, consult the relative technical sheet.
- Before laying the tiles, wait until the sealing of the butt joints and vertical overlaps made with UNOLASTIC (or with PURLASTIC FLASHING) are dry.

Watch the application video on your Smartphone



ANTI-CRACKING solution

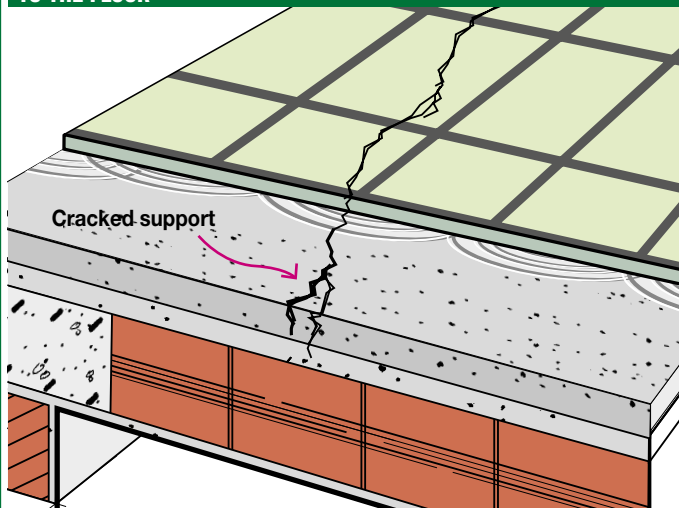
The **SELFTENE STRIP TERRACE** system also provides an excellent anti-fracture and sliding layer solution to drastically reduce the propagation of the support slots.

The **SELFTENE STRIP TERRACE** system is the only one that exceeds the dynamic Robinson test that simulates the deformation and stress fatigue in the flooring.



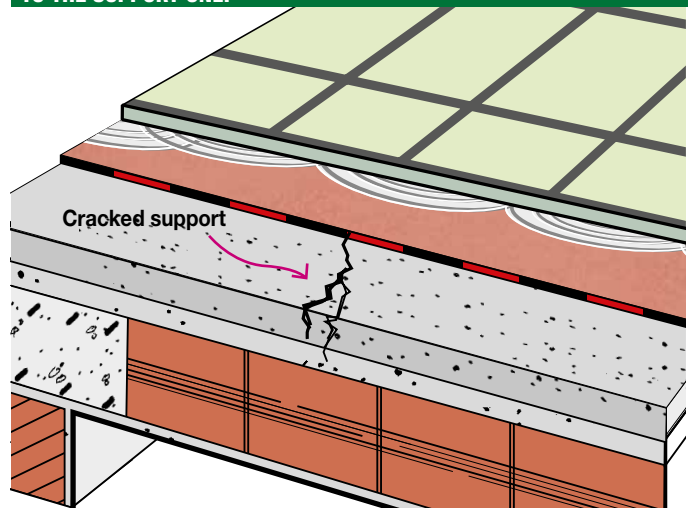
PROBLEM

WITHOUT ANTI-CRACKING LAYER THE CRACK SPREADS TO THE FLOOR



SOLUTION

WITH SELFTENE STRIP TERRACE THE CRACK IS BLOCKED TO THE SUPPORT ONLY

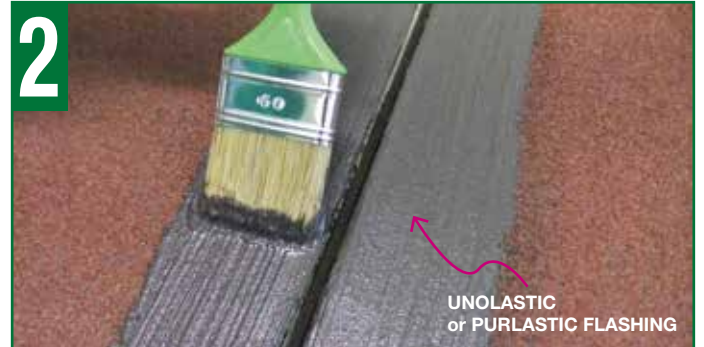


DETAILS

FRACTIONING JOINTS

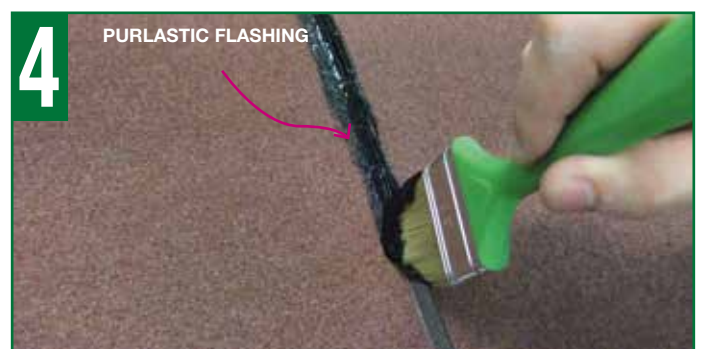
Fractioning joint with **COVERBAND**

1. Place **SELFTENE STRIP TERRACE** flush the fractionating joint.
2. Apply by brush **PURLASTIC FLASHING/UNOLASTIC** for about 5-6 cm band.
3. Lay the joint cover seal tape **COVERBAND**.
4. Cover with a second layer of **PURLASTIC FLASHING/UNOLASTIC**



Fractioning joint with **COVERBAND ADHESIVE**

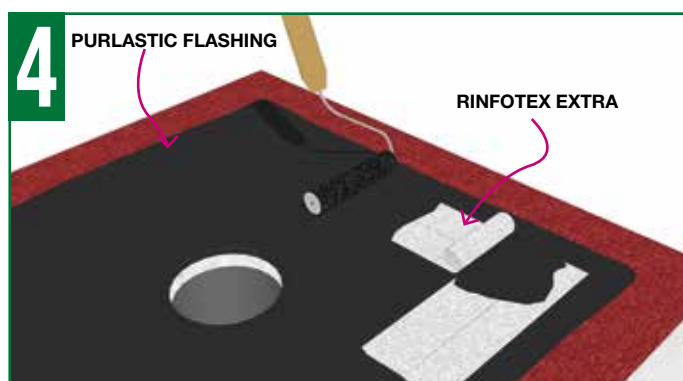
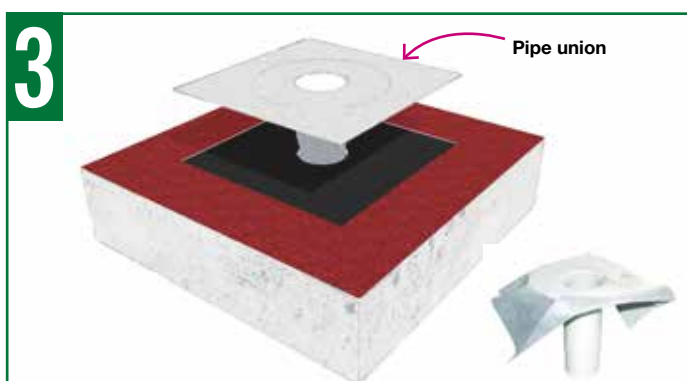
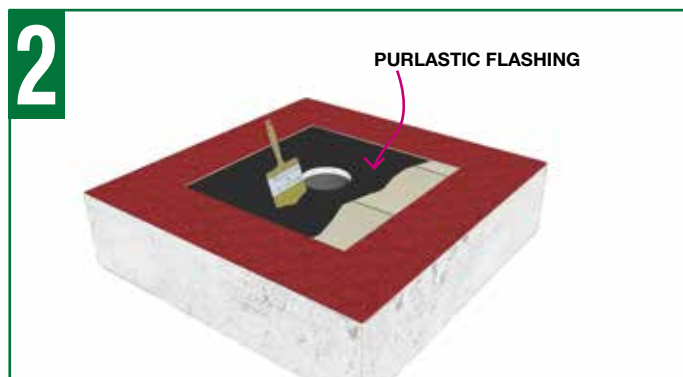
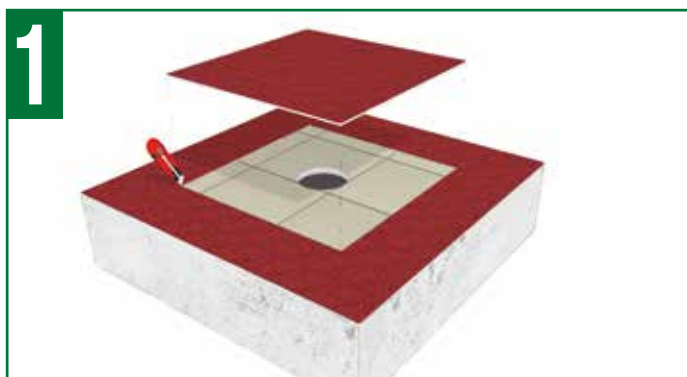
1. Place the joint cover seal tape **COVERBAND ADHESIVE**.
2. Apply by brush **PURLASTIC FLASHING** over the entire surface of the tape joint cover.
3. Place **SELFTENE STRIP TERRACE** flushing of the fractionating joint.
4. Apply by brush **PURLASTIC FLASHING** to seal the joint.



DETAILS

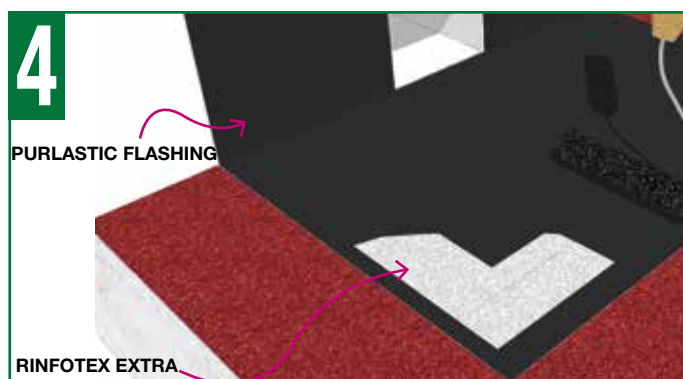
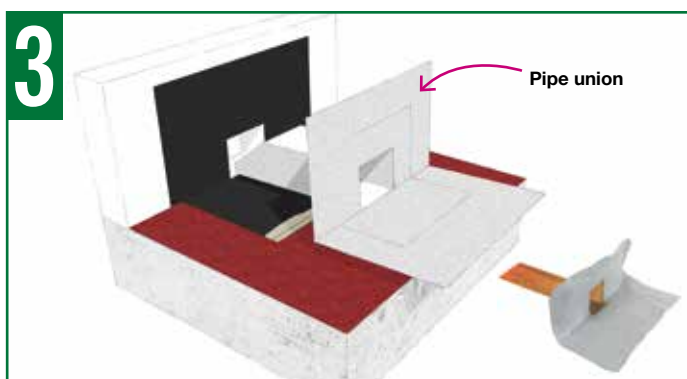
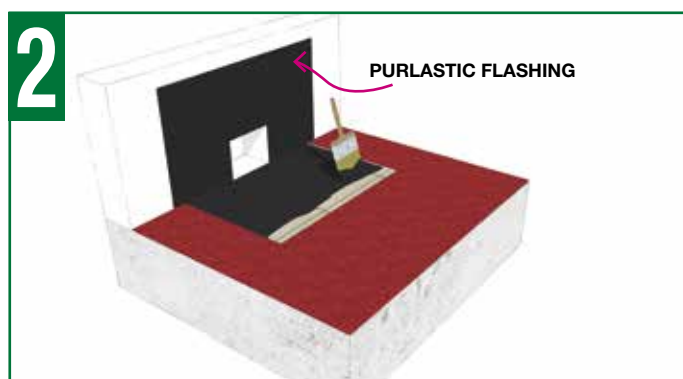
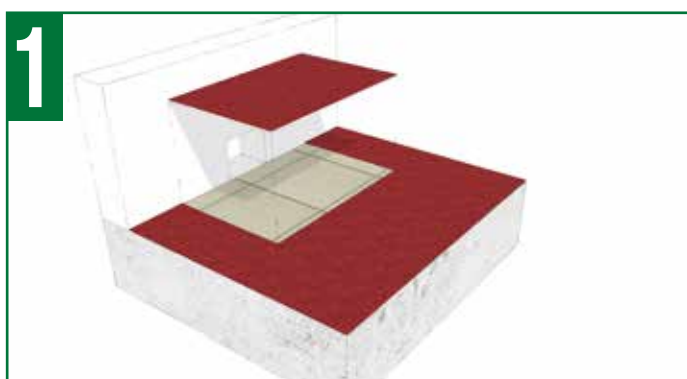
VERTICAL DRAIN

Vertical/side pipe union laying. 1. After the laying of the **SELFTENE STRIP TERRACE** cut in correspondence of the discharge a piece of membrane with equal size to those of the flange of the pipe union. 2. Apply with a brush or roller **PURLASTIC FLASHING** on the portion of the stripped floor. 3. Place the pipe union. 4. Apply the second coat of **PURLASTIC FLASHING** arming with **RINFOTEX EXTRA** the approach area between the flange of the pipe union and the **SELFTENE STRIP TERRACE**.



CORNER DRAIN

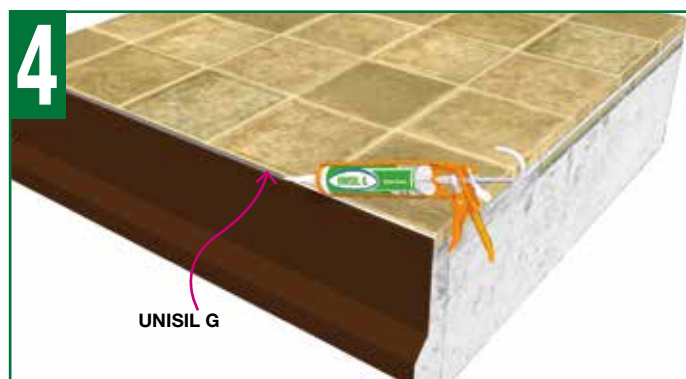
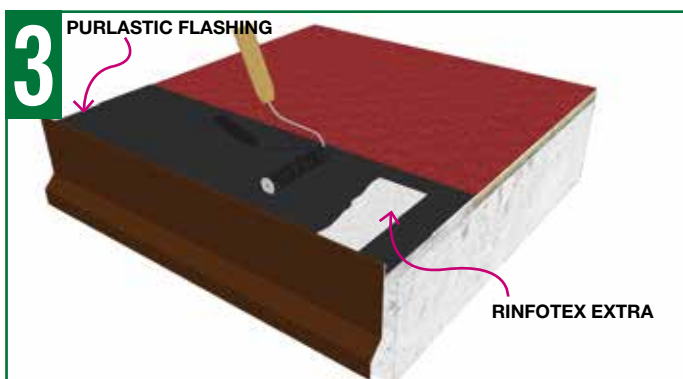
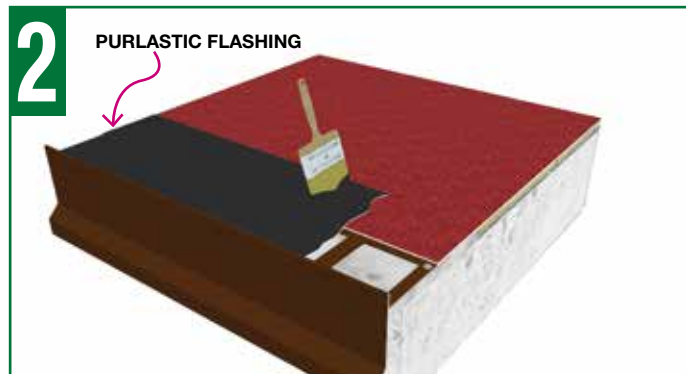
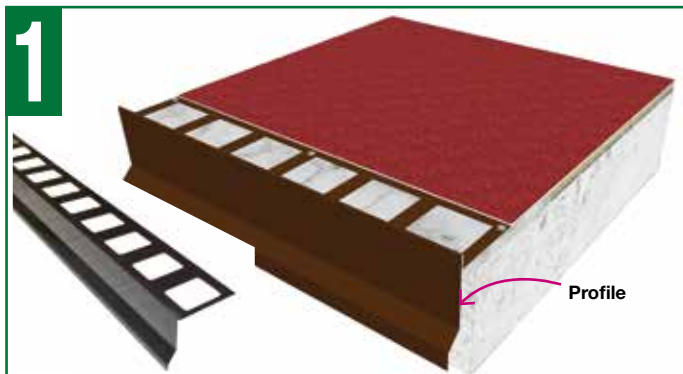
Laying of the corner pipe union. 1. After the laying of the **SELFTENE STRIP TERRACE** cut in correspondence of the discharge a piece of membrane of equal size to those of the flange of the pipe union. 2. Apply by brush or roller **PURLASTIC FLASHING** on the portion of the stripped floor and on the portion of wall where the pipe union will be placed. 3. Place the pipe union. 4. Apply the second coat of **PURLASTIC FLASHING** arming with **RINFOTEX EXTRA** the approach area between the flange of the pipe union and the **SELFTENE STRIP TERRACE** (only horizontal).



DETAILS

PERIMETER PROFILE

Profile laying. 1. Mechanically fix to the floor the perimeter profile, then place the **SELTANE STRIP TERRACE** flushing the the previously laid profile. 2. Apply **PURLASTIC FLASCHING** to cover the profile and covering **SELTANE STRIP TERRACE** per 7-8 cm. 3. Place the armour **RINFOTEX EXTRA** and apply the second layer of **PURLASTIC FLASCHING**. 4. After the laying of the new flooring apply the sealant **UNISIL G** between the profile and the floor.



REFERENCES



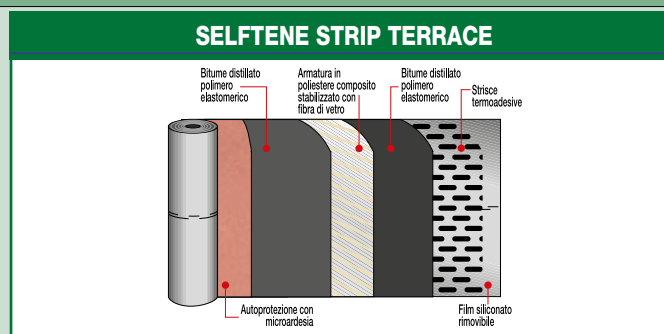
TECHNICAL CHARACTERISTICS

	Standard	T	SELTENE STRIP TERRACE
Reinforcement			Composite polyester non-woven fabric stabilised with fibreglass
Mass per unit area	EN 1849-1	±10%	3.0 kg/m ²
Roll size	EN 1848-1	-1%	1x10 m
Watertightness	EN 1928 - B	≥	60 kPa
Peel resistance L/T	EN 12317-1	-20%	500/400 N/50 mm
Maximum tensile force L/T	EN 12311-1	-20%	600/500 N/50 mm
Elongation L/T	EN 12311-1	-15% V.A.	35/40%
Resistance to impact	EN 12691 - A		1 000 mm
Resistance to static loading	EN 12730 - A		10 kg
Resistance to tearing (nail shank) L/T	EN 12310-1	-30%	200/200 N
Dimensional stability L/T	EN 1107-1	≤	-0.30/+0.10%
Flexibility to low temperature	EN 1109	≤	-25°C
• after ageing	EN 1296-1109	+15°C	-15°C
Flow resistance at elevated temp.	EN 1110	≥	100°C
• after ageing	EN 1296-1110	-10°C	90°C
Reaction to fire Euroclass	EN 13501-1		E
External fire performance	EN 13501-5		F roof
Thermal specifications			
Thermal conductivity			0,2 W/mK
Heat capacity			3.60 KJ/K·m ²

In compliance with EN 13707 as the water vapour transmission factor, for reinforced polymer bitumen membranes, the value of 20000 μ may be assumed.

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.

COMPOSITION OF THE MEMBRANE



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

PRODUCT FINISHING

MICRO-GRANULES OF SLATE. Special mineral finish for excellent adhesion with floor glues and UNOLASTIC.



ADHESIVE STRIPS ON SAND BLASTING.

REMOVABLE SILICONE-COATED FILM. The lower face of the membrane is covered in a silicone-coated film which preserves the adhesive mix.

• 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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Construction Systems and Products

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