

ACRIFLEX WINTER (A+B)

Liquid and elastic cement-based waterproofing membrane

Liquid, bi-component waterproofing membrane, water-based, formulated with acrylic resin and cement, to be used during winter period with low temperature. Resistant to standing water, to UV-rays, to low and high temperatures and to continuous freezing/defrosting cycles. Suitable for waterproofing terraces, flat roofs, walkable, parking areas, swimming pools, cisterns, foundations, flashings, expansion joints and to restore old bituminous membranes (coupling with Floorgum Primer).

ADVANTAGES

- Fast application
- It is waterproofing even when applied in thin layers
- Applicable on existing flooring
- Effective on damaged surfaces
- Tiles can be applied directly onto Acriflex Winter with a good external adhesive.
- It can be made suitable for pedestrians with Floorgum (see technical sheet) or suitable for vehicles with Floorgum Tyre (see technical sheet)
- It can be applied during winter (until +5 °C). In lower temperatures we recommend Acriflex Winter 0 °C
- No problem with rain when dry on surface (between 30 and 180 minutes)

USES

Waterproofing of terraces, normal and flat roofs when used with *Polites* (integrated system), expansion joints when used with *Safety Joint Roll*.

Waterproofing of flashing, foundations, cisterns and restoration of old bituminous membranes when used with *Floorgum Primer*.

Ideal for the vertical application of foundations in presence of underground water (see *Bentotelo and DiaSen Bentonite Systems*).

YIELD

kg/m² 2 (on surfaces without net).
kg/m² 2,5 (integrated system with Polites).

COLOUR

Grey.

PACKAGING

N.2 pails total weight kg 25.
(Part A = kg 17 + Part B = kg 8).

STORAGE

Keep the product in the dark in temperatures between +5°C and +35°C.

Use by: 12 months

Technical Data

Aspect	Grey semi-dense
Impermeability to water (according to EN 12390-8)	9,5 ATM (waterproof)
Impermeability to water with negative countertrust	5 ATM (waterproof)
Punching resistance (ASTM D4833)	7 kg =68,7N (resistant)
Crack bridging ability	3,2 mm
Resistance to weathering test	2000 hours
Elongation after 1000 hours of accelerated weathering	210%
Flexibility with cold	- 26°C (flexible)
Elongation	336%
Resistance to traction (ASTM D2370)	2,32 MPas (336 Psi)
Recovery after elastic deformation of 50%	97%
Maximum time of premixed product application (A+B)	2 hours
Adherence to the base prepared with Grip Primer	650 N/m
Resistance after 50 cycles of freezing/defrosting (-15°C /+15°C) (UNI EN 202)	Inaltered

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APPLICATION

1. Clean with care the surface. With old tiles or a slightly humid base, apply *Grip Primer* (for a steam barrier apply two coats with at least 600 g/m² of product).
2. Waterproof vertical joints with *Safety-Joint Roll* (Elastic Band - Safe Joint), soaked with *Acriflex Winter*, spread by brush (see *Safety-Joint Roll*) creating a sort of tank.
3. Lay down *Polites* on the surface, taking care to maintain a 3 cm overlap on the joints. *Polites* must not show points of no adhesion.
4. Mix well the two components. Use a professional mixer with at least 1000 W power and 450 revolutions per minute. We recommend diluting the first coat with 5-10% of water (directly into Part A, before mix it with Part B), to allow the product to filter into the floor. Apply the product by brush, roller or air-gun.
5. Apply a second coat of *Acriflex Winter* (dilute Part A with 1-2% of water before mixing it with Part B), taking care to perfectly cover the net and to create holes on the surface.
6. Waterproofing of structural joints can be done with *Safety-Joint Roll*, elastic strip (see *Safety-Joint Roll*).
7. The product will dry in about 4 hours in a temperature of +20°C.

POINTERS

- Do not apply in temperatures lower than +5°C and higher than +35°C.
- It is possible to avoid removing old bituminous membranes, applying *Floorgum Primer* and then *Acriflex Winter*.
- Surface must be dry (see *Grip Primer*).
- Do not add any other kind of cement to *Acriflex Winter*.
- *Acriflex Winter* can be left visible, floored or kept walkable with resins (see *Floorgum*), otherwise apply a walkable coating.
- Do not apply with lot of fog and relative humidity higher than 90%.
- Wash tools with water.

SAFETY

For the handling, see product safety sheet.

