

**PRODUCT DESCRIPTION:**

is a thixotropic waterproofing coating, formulated with bitumen in water emulsion, selected elastomeric resins and special additives, multipurpose with high adhesiveness.

**FIELDS OF USE**

EASY FLASHING is used:

- As a waterproofing liquid membrane when the application of polymer-bitumen membranes should be difficult or when the use of the flame should be forbidden. It can be applied both vertically and horizontally.
- Suitable for waterproofing of foundation walls and foundations.
- Laying of insulation panels.
- For quick local repairs.
- Restores the waterproofing effect on balconies and terraces with no need to destroy the old pavement.
- Prepare a waterproofing and gripping base for the subsequent bonding of tiles with the appropriate cement-based adhesives (category C according to EN 12004).
- If diluted at 50%, the product can be used as a dustproof primer.

Excellent adhesion on following surfaces:

- bituminous membranes with sand or self-protected with slates,
- concrete,
- different types of metal surfaces (pipelines, eaves, IBCs),
- fibrocement,
- plasterboard,
- wood,
- ceramic pavements,
- glass.

**ADVANTAGES**

- Excellent elasticity.
- Waterproofs and protects from atmospheric agents and from UV rays.

- Resistance against corrosive action of many acids.
- Encourages the cold laying.
- Perfect grip on different materials.
- Compatible with cementitious adhesives.
- Long-lasting product.
- Odourless and non-flammable product.
- Non-toxic, solvent free.
- Does not crack at low temperatures and does not pour at high temperatures.

**STANDARDS AND CERTIFICATIONS**

EASY FLASHING is CE marked in accordance with:

- EN 1504-2:2004 – Surface protection system for concrete.
- EN 14891:2012 – Dispersion liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesive.

**METHOD OF USE**Operating conditions

It is recommended to apply the product with an ambient temperature not lower than +5 °C and when there are no climatic conditions of fog, rain and frost, avoiding extreme situations of cold and heat.

Surface preparation

Before applying the product, make sure that the non-coherent parts, or non-adherent parts, paints, rust, dust, disarming oils are removed and carefully clean surfaces that need to be solid and dry.

The efficiency of the water outflow must be ascertained (slopes, positioning and size of the drains).

This product can also be applied on wet surfaces, but it is necessary there is no water stagnation.

#### Preparation:

Mix thoroughly the product until the mixture is fully homogenous before using.

#### Application:

EASY FLASHING can be applied by roller, brush, spray, spatula or notched squeegee..

It is generally applied in two coats. To facilitate the application on large surfaces it is advisable to dilute up to a maximum of 10% of water. Apply the second coat fresh on fresh if the first has been reinforced, otherwise after complete drying of the first, after 24-48 hours, depending on the environmental conditions and the porosity of the support.

On surfaces larger than 10 sqm or stressed supports, we recommend reinforcing EASY FLASHING with the special Alsan Voile-P fabric embedded in the first still fresh coat.

#### Cleaning tools:

After use, clean the tools with water and, if the product has dried, it is advisable to remove it with hot water or the most common synthetic thinners.

### **CONSUMPTION**

- between 0.6-0.9 kg/sqm per coat, the consumption of the product varies according to the substrate and thickness desired. To obtain a dried film of 1 mm, the quantity of product used will be about 1.5 kg/sqm. Approx. 2 kg/sqm if the appropriate Alsan Voile-P reinforcement fabric is used.
- between 400-700 g/sqm if used as an adhesive for spot bonding of insulating panels.

### **ADDITIONAL INFORMATION**

- It is recommended to apply the product with an ambient temperature no lower than +5 °C and when there are no weather conditions of fog, rain and frost, avoiding in any case extreme situations of cold and heat and high humidity.
- Particular attention should be paid to the application of the product on some new bituminous surfaces so as to avoid the risk that hydrocarbons still present in the support may compromise the correct adhesion of the product.

- In the realization of waterproof protections executed with Easy flashing, or in any case in applications between materials of different nature, structural joints, or in the presence of important cracks it is recommended to use the Voile-P reinforcement impregnating it completely in the first coat still fresh.
- Do not exceed the quantity and drying times recommended for each coat in order to guarantee the correct drying of the product in all its thickness.
- Temperatures over 35 °C could accelerate the drying of the product, compromising its workability.
- In the case of waterproofing walls against the ground with EASY FLASHING, suitable mechanical protection must be provided mainly for backfill operations.
- EASY FLASHING can be walked on occasionally in the case of occasional maintenance.
- To improve the durability of EASY FLASHING is recommend painting with suitable protective paints.
- Do not use EASY FLASHING on supports subject to counter-thrust or strong water pressure.

For more information, ask for the safety data sheet.

### **GENERAL WARNINGS**

The information provided in this technical data sheet are valid only for the product supplied by Soprema srl. Please note that the mentioned data might differ from those valid in other countries. The above data, in particular the advice on the processing and method of use of our products, are the result of our knowledge and experience considering normal application cases. The above information regarding the application of the products is provided according to science and consciousness. However, it is up to the applicator to determine the suitability of the product based on the objective requirements and conditions of the job site. The product is subject to revision if necessary for technological progress or product improvement.

## PACKAGING AND STORAGE

EASY FLASHING	
Packaging	- 310 ml plastic cartridges in boxes of 24 pieces - 1 kg plastic bucket - 1, 5, 10, 20 kg metal cans
Color	Black (when dried)
Storage	Storage up to 12 months from the production date in the original packaging, in a cool environment, protected from frost and direct sunlight. EASY FLASHING fears frost, do not expose the packages to a temperature below +5 °C; once frozen the product is no recoverable.

## TECHNICAL CHARACTERISTICS

Characteristic	Performance	Test method
Physical form	-	Pasta Tixotropica
Dry residue at 130 °C	EN ISO 3251	53÷59%
Viscosity Brookfield (at 20 °C, Impeller n. 6; 10 rpm)	EN ISO 3219	70.000 cP (± 14.000)
Specific weight at 20 °C	EN ISO 2811-1	1,21 kg/l (± 0,04)
pH (at 20 °C)	-	8,3÷9,0
Flexibility at low temperatures	EN 15813	-30 °C
Dimensional stability at high temperatures	EN 15818	+150 °C
External drying time	-	4 hour
Drying time for finishing covering	-	24÷48 hours*

\* Values recorded at a temperature of 23 °C and 50% humidity. The data expressed may vary depending on the thickness of the product applied and the specific conditions of the site: temperature, humidity, ventilation, absorbency of the bottom.

Performance Characteristic (UNI EN 1504-2 - C Coverings – Principles: PI MC IR)	Test method	Performance
Permeability to CO <sub>2</sub>	EN 1062-6	S <sub>D</sub> >50 m
Water vapour permeability	EN ISO 7783	Class I (S <sub>D</sub> <5 m)
Liquid water permeability	EN 1062-3	W < 0,1 kg/sqm x h <sup>0,5</sup>
Tensile bond strength (by pull off)	EN 1542	≥1 N/mm <sup>2</sup>

Performance - EN 14891 Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives	Requirements EN 14891	Product performance
Initial tensile adhesion	>0,5 N/mm <sup>2</sup>	passed
Tensile adhesion after water contact	>0,5 N/mm <sup>2</sup>	passed
Tensile adhesion after heat ageing	>0,5 N/mm <sup>2</sup>	passed
Tensile adhesion after freez/thaw cycles	>0,5 N/mm <sup>2</sup>	passed
Tensile adhesion after contact with lime water	>0,5 N/mm <sup>2</sup>	passed
Water impermeability	None penetration	Waterproof
Crack Bridging Ability (at -20 °C)	>0,75 mm	passed
CLASSIFICATION ACCORDING TO EN 14891	Class DM 02	Waterproof product applied in dispersed liquid with improved crack bridging capacity at low temperature (-20 °C)