

EASY FLASHING

Liquid waterproofing membrane

January 2024

DESCRIPTION:

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

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

APPLICATION:

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 the product thoroughly 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% 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. 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 insulation panels.



EASY FLASHING

Liquid waterproofing membrane

January 2024

PACKAGING:

EASY FLASHING	
Packaging	- 310 ml plastic cartridges in boxes of 24 pieces - 5, 20 kg metal cans
Colour	Black (when dried)
Storage	

TECHNICAL DATA:

Properties	Test Method	Performance
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 hours
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 thickness of the product applied and the specific conditions of the site; temperature, humidity, ventilation, absorbercy of the bottom.

Performance Characteristic (UNI EN 1504 - C Coverings - Principles: PI MC IR)	Test Method	Performance
Permeability to CO ₂	EN 1062-6	S _D >50 m
Water vapour permeability	EN ISO 7783	Class I (S _D <5 m)
Liquid water permeability	EN 1062-3	W < 0.1 kg/sqm x h ^{0.5}
Tensile bond strength (by pull off)	EN 1542	≥1 N/mm ²

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

Performance EN 14891 Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesive	Requirements EN 14891	Product Performance
Initial tensile adhesion	>0.5 N/mm ²	Passed
Tensile adhesion after water contact	>0.5 N/mm ²	Passed
Tensile adhesion after heat aging	>0.5 N/mm ²	Passed
Tensile adhesion after freeze/thaw cycles	>0.5 N/mm ²	Passed
Tensile adhesion after contact with time lime water	>0.5 N/mm ²	Passed
Water impermeability	No 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)

EASY FLASHING

Liquid waterproofing membrane

January 2024

SCOPE OF USE:

EASY FLASHING serves as a practical solution for installers facing challenges in applying polymer-bitumen membranes or dealing with restrictions on open flames. Its versatility allows for both vertical and horizontal applications. Installers can use EASY FLASHING for waterproofing foundation walls, foundations, and laying insulation panels. The liquid membrane is effective for quick local repairs and restores waterproofing on balconies and terraces without pavement destruction.

EASY FLASHING provides a reliable base for subsequent tile bonding, improving grip with cement-based adhesives. When diluted at 50%, EASY FLASHING functions as a dust-proof primer. With excellent adhesion on various surfaces, it is suitable for bituminous membranes (with sand or self protected with slates), concrete, metal, fibrocement, plasterboard, wood, ceramic pavements, and glass.

Suitable for new builds and refurbishments, residential and commercial construction, in any location in New Zealand. Suitable for other applications with written approval by Equus Industries Ltd.

CONDITIONS OF USE:

- 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.
- Where extra protection is required or in applications between different materials, structural joints, or in the presence of important cracks it is recommended to use fibreglass reinforcement impregnating it completely in the first coat still fresh.
- Do not exceed the quantity and drying times recommended for each coat 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 it is recommended painting with suitable protective paints eg. Chevaline Dext Topcoat for UV protection.
- Do not use EASY FLASHING on supports subject to counter-thrust or strong water pressure.

Written approval is required for this product to be in a system not outlined in the standard Equus specifications. The product must be installed by a Certified Equus Applicator. Verification of their status can be confirmed by a current applicator certificate or by contacting Equus Industries Ltd. Any installation must be done in accordance with the latest specifications and technical documentation, or with written approval by Equus Industries Ltd.

CERTIFICATION:

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.

BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (a) EASY FLASHING has a durability of at least 15 years when installed with the correct specification, installation and maintenance. Re-coating specifications are available to extend the life of the membrane.

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 EASY FLASHING test data together with in-service history of the correctly installed EASY FLASHING system over correctly designed and constructed substrates, show that the membrane resists the ingress of moisture.

F2 Hazardous building materials - F2.3.1 Experience with the composition of materials used together with in-service history, show that EAST FLASHING complies with this performance requirement. Refer to SDS at www.equus.nz

EASY FLASHING

Liquid waterproofing membrane

January 2024

SUPPORTING DOCUMENTATION:

Test reports can be provided by SOPREMA New Zealand Ltd.

STORAGE AND HANDLING:

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 not recoverable.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
--	----

MANUFACTURERS CONTACT DETAILS:

Manufacture location	Italy
Legal and trading name of manufacturer	Soprema New Zealand Limited
Manufacturer address for service	Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand
Manufacturer website	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962