

## FLASHING DETAILS

### Product description

Ecological single-component waterproofing paste with fibers, based on special elastomers and selected bitumens in aqueous dispersion, thixotropic, ready for use.

The innovative formulation with selected resins, synthetic rubbers, tough fibers and special additives gives the product specific characteristics of waterproofing, strength, elasticity, adhesion to the substrate, resistance to aging to UV rays and durability over time.

Easy to apply, FLASHING DETAILS is ideal for covering irregular geometries and for making joints, vertical folds and executive details of waterproof membranes.

Once dried it does not drip at the high temperatures reached on the roofs, it remains flexible at low temperatures.

### Intended use

With high adhesion on all the most common substrates, FLASHING DETAILS is specific for:

- waterproofing of connections and vertical folds as an alternative or in combination with the classic waterproofing in prefabricated bituminous membranes;
- the protection and sealing of metal surfaces (corrugated sheets, flashings);
- the reconditioning and repair of old bituminous membranes.

It adheres well to metal, cement and wood surfaces.

It is characterized by good resistance to water stagnation.

### Specifications

#### Composition

Fiber-reinforced elastomeric bituminous emulsion.

#### Product type

Single component, ready for use.

#### Appearance

Dense paste, black color.

#### Specific weight

1,05 ± 0,05 kg/l (EN 2811-1)

#### Dry residue

65% +/-2

#### Consistency

Tixotropic (cp : 25000 – 30000, ISO 2431)

#### Flammability

Not inflammable

#### Watertightness

≥ 500 Kpa (EN 14891)

#### Elongation at break

800%

### **Cold flexibility of the dried film**

-20°C (EN 1109)

### **High temperature resistance of the dried film**

≥ 150°C (EN 1110)

### **Application temperature**

Avoid extreme hot / cold climatic conditions.

Min: + 5 °C (minimum temperature of the laying surface)

Max: + 35 °C

### **Operating temperature**

-20°C ÷ +100°C

### **Drying (at 23 ° C and RH 65%) (\*)**

Superficial (to the touch): 60-120 minutes

In depth: 3-4 days

Overcoating with the same product: 24 hours (48 hours on metal surfaces)

Overcoating with water-based paint: 3-4 days

Overcoating with solvent-based paint: 15-20 days

### **Shelf life in warehouse**

12 months in original closed packaging and kept in dry environments, away from heat sources and protected from direct sunlight, with temperatures between + 5 °C and + 35 °C.

Once the package is opened it must be used quickly.

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## **Method of preparation**

FLASHING DETAILS is easily applied as it is, without dilution, by brush or roller.

Mix the product thoroughly before use.

### **Warnings for use and installation**

In stock FLASHING DETAILS must be stored in a cool place, at a temperature ≥ +5 °C, and protected from direct sunlight. Protect from freezing: once frozen, the product can no longer be used.

### **Weather**

The product must not be applied in unfavorable climatic conditions; for correct curing, FLASHING DETAILS must be applied avoiding extreme hot / cold climatic conditions. In any case, avoid using it in anticipation of night falls that bring the temperature of the laying surface below + 5 °C. In summer it is preferable to lay the product in the cooler hours, avoiding work with ambient temperatures > + 35 °C.

In the still wet state, which is prolonged by the lower temperatures, the product can be washed away by rain or ruined by dew or frost. The application of FLASHING DETAILS on very hot surfaces causes the rapid evaporation of the aqueous vehicle, causing an irregular filming.

### **Installation surfaces**

They must be adequately smooth and flat with the right slopes without stagnation areas, dry, clean, free from dust, oils, greases, incoherent, brittle or detaching parts.

FLASHING DETAILS can also be applied on slightly damp surfaces (with humidity less than 3%), knowing however that laying on damp substrates involves certain delays in drying times; very humid installation surfaces can lead to possible swelling / detachment of the coating in connection with the evaporation of excess moisture. FLASHING DETAILS can be laid without the use of reinforcement reinforcements, it is not suitable for the treatment of surfaces larger than 20-25 m².

(\*) The times indicated may vary according to the different temperature / humidity conditions

## Consumption and packaging

### Consumption

- On cementitious substrates and porous materials:  $2.2 \div 2.5 \text{ kg/m}^2$  in two coats.
- On old bituminous membranes:  $2.2 \div 2.5 \text{ kg/m}^2$  in two coats.
- On metal or low porous substrates:  $1.4 \div 1.6 \text{ kg/m}^2$  in two coats.

### Packs

Buckets of 1, 5, 20 kg

## Application examples

### Waterproofing of concrete surfaces.

Operational phases:

Surfaces must be as smooth as possible. In the case of horizontal surfaces, these must be adequately flat, with the right slopes without stagnation areas, dry, clean, free from dust, oils, greases, incoherent, brittle or detaching parts. Correct any surface irregularities with the addition of special mortars, if necessary, and smooth out any protruding parts.

Along the lines connecting the horizontal / vertical surfaces, apply a filling pass of FLASHING DETAILS (250 g/m linear) with a brush.

Waiting 3-4 hours, depending on the climatic conditions and in any case after the consolidation of the particular created, apply a coat of FLASHING DETAILS on the surface to be coated with a brush or roller (covering the corner already prepared). These operations involve a consumption of about  $1 \text{ kg/m}^2$ .

After 24 hours, apply a new coat of FLASHING DETAILS ( $1 \text{ kg/m}^2$ ) by brush, roller, for a total consumption of about  $2.2 \div 2.5 \text{ kg/m}^2$  of product on the running surfaces. Wait for the maturation times in depth before any trampling. Wait for the time required for any protective coloring.

### Localized reconditioning of an old covering with bituminous membranes

Operational phases:

Thoroughly clean the surfaces to be treated by brushing vigorously with the aid of a broom, free the drainage ways, if necessary wash with non-pressurized water, allow to dry.

Regularize any bubbles, undulations, wrinkles of the membranes that are particularly pronounced and capable of preventing adequate regularity and surface flatness of the coating to be applied. This operation can be carried out by cutting the raised parts, then letting any residual water / humidity evaporate;

Along the horizontal / vertical connection lines, apply one coat of FLASHING DETAILS (250 g/m linear) with a brush.

Wait 3-4 hours, depending on the climatic conditions and in any case after the consolidation of the created part, apply a coat of FLASHING DETAILS on the surface to be coated with a brush or roller. These operations involve a consumption of approximately  $1 \text{ kg/m}^2$ .

After 24 hours, apply a new coat of FLASHING DETAILS ( $1 \text{ kg/m}^2$ ) by brush, roller, for a total consumption of about  $2.2 \div 2.5 \text{ kg/m}^2$  of product on the running surfaces.

Wait for the deep maturation times before any trampling.

Wait for the time required for any protective coloring.

### Localized reconditioning of old metal surfaces

Operational phases:

Cleansing with pressurized water to remove dirt build-up.

In the case of fractional surfaces, eg. in corrugated sheet metal panels, apply a coat of FLASHING DETAILS along the connection lines of the panels themselves, approximately  $200 \text{ g / m linear}$ .

Wait 24 hours, apply one coat of FLASHING DETAILS ( $0.7 \div 0.8 \text{ kg/m}^2$ ) by brush, roller, after a further 48 hours apply a new coat of FLASHING DETAILS ( $0.7 \div 0.8 \text{ kg/m}^2$ ) in the same way for a maximum total of about  $1.4 \div 1.6 \text{ kg/m}^2$  of product.

Wait for the deep maturation times before any trampling.

Wait for the time required for any protective coloring.

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