

1. Product

COPSON® FACHADAS

2. Definition

Water-based elastic coating, based on acrylic resins which, once dry, forms a flexible film, waterproof and durable, especially designed for facade waterproofing.

3. Characteristics of the liquid product

- Non-toxic non-flammable.
- Easy cold application with traditional methods.
- Contains no lumps, product "skins", or hard sediment.
- Water-soluble.
- Penetrates deep into cracks and crevices, correcting surface defects.
- Cures by evaporation of water. At 20 ° C and 50 % humidity: drying to touch in 4 hours, next hand in 8 hours.
- Density at 20 °C: 1,1 – 1,5 g/cm³.
- Viscosity at 20°C (Brookfield RVT, spindle 5,100 rpm) >20 poises 25-65 poises.

4. Characteristics of the dry film

- Waterproof.
 - It is able to track the movements of support expansion and contraction without cracking.
 - Good adhesion to most supports.
 - Great outdoor durability.
 - Resistant to mould and stain sulphate.
 - Dirt-resistant by crosslinking the surface layer in the presence of U.V. rays
 - Permeable to water steam.
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| - Cracking resistance (AFNOR P-84-402) at | +23 °C | 2.6 |
| | -10 °C | 3.4 |
| - Maximum elongation at | -20 °C | > 200 % |
| | -10 °C | > 375 % |
| | +23 °C | > 425 % |
| | +40 °C | > 375 % |
| - Maximum tensile strength at | -20 °C | > 5 MPa |
| | -10 °C | > 3 MPa |
| | +23 °C | > 0.75 MPa |
| | +40 °C | > 0.75 MPa |
| - Water Absorption in | 1 day | < 18 % |
| | 2 days | < 22 % |
| | 5 days | < 28 % |
| | 7 days | < 30 % |

5. Area of application

Facade and vertical walls waterproofing on any kind of support.



6. Operating instructions

6.1 SUPPORT

The surface to be waterproofed must be clean of any grease, dust or unbound materials, without mould or efflorescence (we recommend pressure washing) It must be applied on dry substrates to achieve good penetration and adhesion (the fresh concrete must be at least 30 days before being treated).

All cracks and fissures should be sealed and reconditioned.

It is advisable to apply a layer of AQUA-BOND 2000 as surface conditioner, allowing it to dry for about 12 hours under normal conditions of temperature and relative humidity.

6.2 APPLICATION

Before use, shake the product until it is completely homogeneous.

COPSON® FACHADAS can be applied by brush, roller or spray and it is recommended applying two layers. Make sure that the product penetrates into every crack and fissure.

The approximate yield of pure product per layer is 0.5 kg / m².

Yield will be approx. 2.0kg/m², applied in two or more coats (after primer coat). For cleaning hands and tools, wash with water before the paint dries.

PRECAUTIONS

- Do not apply when surface or environment with a temperature below 10 ° C.
- Do not apply at risk of imminent rain.
- Cold temperatures and excessive humidity delays drying time.
- Do not apply silicone or wax.

7. Storage

The product must remain tightly closed in its original packaging and protected from frost and strong sun exposure. Under these conditions, the shelf life of the product is approximately six months from the date of manufacture.

This information replaces all prior information. The specifications and technical data that appear in this sheet are only guidelines corresponding to laboratory averages. Composan reserves the right to modify them without prior notice and declines any responsibility for their wrongful use.

