

## RESISTIT® ESK

Self - Adhesive Sealing Membranes for Windows, Facades and Brickwork

### Product Overview and Material Description:

**RESISTIT® ESK** is a self-adhesive, bitumen compatible sealing membrane. The topside consists of synthetic rubber EPDM with an integral glass fiber reinforcement. The underside is coated with self-adhesive polymer-modified bitumen.

**RESISTIT® ESK** is waterproof, frost and rot proof and highly resistant to ageing. **RESISTIT® ESK** withstands the effects of UV, ozone, atmospheric pollutants, and achieves a B2 spread of fire classification to DIN 4102. They are unaffected by temperature extremes, remaining elastic down to -35°C and can be used up to +80°C.

Their self-adhesive modified bitumen backing provides a tenacious bond to substrate and allows rapid and permanent setting.

### Application Area:

**RESISTIT® ESK** is used for waterproofing windows, doors, facades, brickwork and floors. Rear-ventilated façade systems are at high risk from condensation and heavy or driving rain. EPDM is therefore widely used to waterproof structures with a ventilated cavity zone between the inner skin and outer façade.

### Product Data

**Colour** - Black

**Thickness** - 1.6mm ± 10%

**Weight** - 1.9kg/m<sup>2</sup>

**Length** - 20m/roll

**Widths** - 100, 200, 250, 333, 500 and 1000mm

### Installation Methods:

- ▶ Surfaces to be bonded should be dry and free from dust and grease. There should be no cavities, ridges or other sharp projections.
- ▶ **RESISTIT® ESK** can be used on brickwork, concrete, timber, blockwork, plasters, glass, bituminous surfaces and metals such as lead, galvanised or stainless steel and mill finish, anodised or powder coated aluminum.
- ▶ Porous substrates (e.g. concrete, plaster, brickwork, timber, etc.) must be primed with **FG35 Primer** applied by brush or sheepskin roller. Coverage is 200-400g/m<sup>2</sup> dependent upon porosity, evenness and method of application.
- ▶ Metal surfaces must be degreased using **G500** cleaning agent.
- ▶ When the **FG35 Primer** is dry, unroll the **RESISTIT® ESK** onto the prepared base, remove the release film and press firmly down using a hand roller, pushing out any trapped air.
- ▶ Laps to be 50mm wide (vertical) or 100mm wide (horizontal) and can be heat-welded together using an electric hot-air gun.

### Important Information:

- ▶ Minimum application temperature: +5°C
- ▶ **RESISTIT® ESK** can be stored for up to 12 months. The rolls should be stored upright, in their original wrapping and be kept out of direct sunlight.
- ▶ Metal surfaces and equipment can be easily cleaned using cleaning agent **G500**.

### Safety:

Please observe health & safety guidelines shown on the datasheets and tins. Local codes of practice and regulations applicable to the country in which the products are being used, should be complied with at all times. In particular, the provisions of the Hazardous Substances Act and the accident prevention rules, are to be respected.

Please comply with product safety datasheets and PDT safety guidelines and consult PDT technical department for detailing and application instructions.



## RESITRIX®



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