



## AKFIX HB400 WATERGUARD LIQUID FLASHING HYBRID

### 1 – DESCRIPTION

**Akfix HB400 Waterguard** is a hybrid polymer based, an all-purpose, fluid applied flashing used to create a weather resistant, fully adhered waterproof barrier system around window and door installations.

### 2 – PROPERTIES

- Does not contain solvent, silicone, bitumen or isocyanate,
- Easy to use trowel application,
- No mixing needed and primer required,
- Water and frost resistant,
- Allows substrates to breathe,
- Bonds to multiple materials,
- Can be applied damp surface,
- Prevents membrane wear and tear,
- Low labor cost.

### 3 – APPLICATIONS

- Indoor and outdoor
- Vertical and horizontal surfaces
- Surface restoration of old substrates
- Foundations, basements and garages
- Bathroom and wet floors

### 4 – INSTRUCTIONS

- Ensure that the surfaces to be sealed are clean, dry and free from grease. A preliminary compatibility test is recommended.
- The application temperature must be between + 5 ° C and +40 ° C.
- An excess of sealant can be removed from tools and surfaces before it cures, using solvent. Once hardened, the material can be removed mechanically.

### 5- COVORAGE

Approximately 1,5 kg/m<sup>2</sup> for each 1 mm thickness. The coverage amounts are theoretical and it is recommended to do coverage-controlled sample applicatio before treatment.

### 6- STORAGE AND SHELF LIFE

9 months if stored properly in its original package between +5 °C and 25 °C in a dry environment and protected from direct sunlight



# TECHNICAL DATA SHEET

# Akfix® coating

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## 7- PACKAGING

<i>Product</i>	<i>Volume</i>	<i>Package</i>
Blue	600 ml	Sausage
Blue	1 kg	Metal Tin
Blue	14 kg	Plastic Pail

## 8- RESTRICTIONS

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Avoid application below 5 °C and above 40 °C.

## 9- TECHNICAL PROPERTIES

<b>Basis</b>	: Hybrid Polymer
<b>Curing Mechanism</b>	: Moisture
<b>Density</b>	: 1,46 ± 0,03 g / ml
<b>Consistency / Color</b>	: Viscous liquid / Blue
<b>Hardness Shore A</b>	: 35-40 (ISO 868)
<b>Viscosity</b>	: 80.000-140.000 cps (Spindle 07, Brookfield)
<b>Skin Formation Time</b>	: 50 ± 5 min (23°C, 50% R.H.)
<b>Curing Performance</b>	: Min.2,5 mm/24h (23°C, 50% R.H.)
<b>Elongation at Break</b>	: ≥ 250% (DIN 53504)
<b>Tensile Strength</b>	: 1,6-2,1 N/mm <sup>2</sup> (DIN 53504)
<b>Application Temperature</b>	: +5°C to +40°C
<b>Temperature Resistance</b>	: -40 °C to +90°C



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