

WH42 HYBRID ROOF DETAIL

1 – DESCRIPTION

WH42 Waterguard is a hybrid polymer based liquid flashing compounds for waterproofing of complex roofing details and connections such as pipes, chimneys, lightdomes, gutters etc.

2 – PROPERTIES

- Does not contain solvent, silicone, bitumen or isocyanate,
- Simple application,
- Forms seamless membrane without joints or leak possibilities,
- Water and frost resistant,
- Provides water vapor permeability,
- Full surface adherence without any additional anchoring,
- Can be applied damp surface
- In case of damage, membrane can be easily repaired locally within minutes
- Low labor cost

3 – APPLICATIONS

The Roof Detail Hybrid is mainly used to waterproof details like;

- Pipes
- Flashings and 90° angles
- Lightdomes
- Chimneys
- Wall-floor connections
- Roofing and gutters
- Photovoltaic systems
- Concrete, mortar, cement screed, wood etc.

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.
- Mask the area to be waterproofed with a masking tape in sufficient size.
- Apply the first layer of Roof Detail Hybrid with a flat brush and spread evenly.
- Apply second layer of Roof Detail Hybrid thickly with a flat brush and remove masking tape.
- If desired for aesthetic reasons, slate chippings can be sprinkled in the wet coating in excess. Apply slight pressure by hand to stabilize the slate chippings.
- 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/m² for each 1 mm thickness. The covorage amounts are theoretical and it is recommended to do covorage-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

7- PACKAGING

Product	Volume	Package
White, Grey, Black	1 kg	
White, Grey, Black	14 kg	

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

Basis	: Hybrid Polymer
Curing Mechanism	: Moisture
Density	: 1,46 ± 0,03 g / ml
Consistency / Color	: Viscous liquid / White, Grey, Black
Hardness Shore A	: 35±5 (ISO 868)
Viscosity	: 80.000-120.000 cps (Spindle 07, Brookfield)
Skin Formation Time	: 40-60 min (23°C, 50% R.H.)
Curing Performance	: Min.2,5 mm/24h (23°C, 50% R.H.)
Elongation at Break	: ≥ 250% (DIN 53504)
Tensile Strength	: 1,5-2,0 N/mm ² (DIN 53504)
Application Temperature	: +5°C to +40°C
Temperature Resistance	: -40 °C to +90°C

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.