



HB42 Ultimate Waterproofer 6kg

TECHNICAL DATA SHEET

FEATURES

- Universal and highly elastic sealant based on MS polymers
- Self levelling and ideal for application on horizontal surfaces
- Ready to use and easy to apply
- Immediately waterproof
- Fast curing to a highly elastic sealing layer
- Adhesion to slightly damp surfaces
- Paintable with most water and solvent based paints
- Good UV and weather resistance
- Durable, no brittleness like bitumen
- Odourless
- Low emission
- Solvent, isocyanate and phthalate free

APPLICATIONS

- Suitable for repairing and waterproofing flat roofs and balconies
- For around chimneys, roof domes, eaves, planters, gutters, roof vent flanges, shower cubicle, prefab and outer walls
- Protection against rotting timber and metal corrosion
- For tanking, interior and exterior sealing of (underground) concrete foundations, basement walls and masonry
- Adheres to concrete, stone, metal, wood & PVC
- Will also adhere to zinc, bitumen & EPDM. Always carry out preliminary tests with bitumen and EPDM.
- Reinforce open cracks with fibreglass jointing tape
- Suitable for permanent water immersion after drying.
- Can be used as an antislip membrane



TECHNICAL CHARACTERISTICS

Basic ingredient	SMP (Silyl Modified Polymer)
Density	ca. 1,38 g/ml
Consistency	Low viscosity, can be applied with roller or brush
Consumption	1,5 kg/m ² per layer of 1 mm
Processing temperature	+5°C - +35°C
Product temperature	+15°C - +25°C
Temperature resistance	-40°C - +90°C
Skin formation time	1h
Shore A: ISO 53505 (23°C and 55% R.H.)	34
Modulus at break: ISO 37	1,7 N/mm ²
% Elongation at break: ISO 37	235%
Modulus at break: ISO 8339	0,7 N/mm ²
% Elongation at break: ISO 8339	180%
Vulcanisation rate	1,5mm/24
Solvent content	0%
Isocyanate content	0%
Bitumen content	0%
Silicone content	0%
Shelf life, in the original packing in dry conditions between +5°C - +30°C	12 months

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.



PACKING AND COLOURS

Buckets of 6kg - 60 buckets per pallet

Grey & Black

METHOD OF USE

Preparation

- The substrate should be solid and free from loose materials, sharp parts, dust, gravel rests and dust.
- Substrates such as steel, glass, aluminium, zinc and polyester should be degreased first.
- Remove any water, water film or raindrops. The best adhesion is obtained on a dry surface, however the surface does not have to be completely dry. HB42 Ultimate Waterproofer also adheres to slightly damp surfaces (except on stone substrates: these surfaces must be completely dry before application).

Reinforcement

For open cracks, joints and raised edges, fibreglass jointing tape may be used. After a first layer of HB42 Waterproofer is applied, the fibreglass tape can be pressed into the wet product. Afterwards a second layer of HB42 Waterproofer is applied on top.

Application

Apply HB42 Waterproofer directly from the bucket in one layer of minimum 1 mm thickness with a short haired brush or velvet roller for an optimal resistance against water and UV. Apply vertical sides in multiple layers with a drying time of 4 till 6 hours between two layers.

- Indicated applications for 1 mm of layer thickness: anti-slip membrane, anti-corrosion layer, protection against rotting of wood.
- Indicated applications for 2 mm of layer thickness: waterproofing, roof protection and cracks.

Cleaning

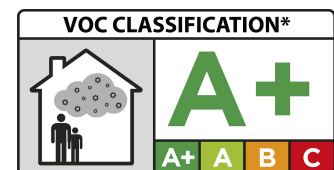
Fresh uncured HB42 Waterproofer can be removed with HB42 Solvent Cleaner. Cured material can only be removed mechanically.

SAFETY

Please refer to the safety data sheet which is available on request.

LIMITATIONS

- Not suitable for PP, PE, PC, PMMA, and natural stone.
- Not suitable for fish ponds and drinking water reservoirs.
- Not suitable for expansion joints.
- Contact with bituminous substrates may cause discoloration and/or detachment.



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