

WP-500FIBER



STYRENE-ACRYLIC COPOLYMER WATERPROOF LIQUID MEMBRANE COATING WITH INTERNALLY REINFORCED MICRO-FIBRES

PRODUCT DESCRIPTION

Obaproof WP-500FIBER is a one component, water-base, liquid elastic waterproofing coating, based on styrene acrylic copolymers with integral micro-fibre reinforcement. Obaproof WP-500FIBER coating system is formulated to provide enhanced tensile strength of the coating product and forms a flexible, tough and durable reinforced protective waterproofing membrane layer. It is suitable for use in hot and tropical climates.

USES

- Waterproofing of flat (horizontal) roofs and on other types of substrates, including concrete decks / roof, asbestos roof, roof tiles (either concrete or clay type), cement mortar, metal / zinc roofs, tiles
- Waterproofing layer under tiles, e.g. balcony
- Vertical wall coating against surface water infiltration, bricks with plaster layer, mortars, roof tiles, repair of tiles and zinc eaves

CHARACTERISTICS / ADVANTAGES

- Impervious to rain and water splashes
- Elastic, waterproofing membrane
- High weather resistance and UV resistance
- Easy to apply by using brush or roller
- Good penetration in cracks, and resistant to cracking
- Able to absorb expansion and shrinkage movement without cracking
- Good bonding to various substrates
- Water-base and non-flammable
- Odourless and non toxic

MIXING

Obaproof WP-500FIBER manually or use a low speed mixer until it is completely homogeneous prior to application.

PRODUCT INFORMATION

Packaging	1kg, 5kg, 20kg
Colour	Grey & White
Shelf Life	Up to 12 months from date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C.
Density	1.25 ± 0.03 kg/l
Solid content by weight	68%
Solid content by volume	55 %
Volatile organic compound (VOC) content	< 50 g/l
Viscosity	-128 KU
Tensile Strength (ASTM D412)	-2.2 N/mm ²
Elongation at Break (ASTM D412)	-155 %
Waiting Time / Overcoating	Tack free after 1-2 hours (at +30 °C)
Applied Product Ready for Use	Total full cure -60 hours (at +30 °C)



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SYSTEM INFORMATION

Coating System	Product	Consumption
Primer coat	Obaproof WP-500FIBER diluted with 10 % water	~0.4 kg/m ²
First coat	Obaproof WP-500FIBER	~0.75 kg/m ²
Second coat	Obaproof WP-500FIBER	~0.75 kg/m ²

APPLICATION INSTRUCTIONS:

CLEANING OF TOOLS

- Obaproof WP-500FIBER should not be used in places where it is in permanent contact with water (water tanks, swimming pool, shower area, toilets, wet kitchens, etc) flooding and/or condensation.
- Obaproof WP-500FIBER may be applied as a finishing paint.
- Do not place any sharp or piercing objects on the cured Obaproof WP-500FIBER.
- Obaproof WP-500FIBER is not recommended in areas with constant or very long contact with water (immersed in water for a very long period).
- A minimum of 2 coats (not inclusive of primer) must be applied as a waterproofing system.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Obaproof products, are given in good faith based on Obaproof's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Obaproof's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Obaproof reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

