



4650 aquastop flexibel



One-component cement based flexible membrane for watertightening inside and outside, on terraces, balconies, floor areas and swimming facilities.

- Resists more than 15 m water column
- Resistant to commonly used chemicals in food industry and bathing facilities
- Good adhesion to all mineral bound sound substrates
- Perfect substrate for installation of ceramic tiles

4650 aquastop flexible is suitable as membrane in industrial areas such as food industry, catering kitchens on substrate of concrete etc. Suitable as substrate for tiling.

4650 aquastop flexible is supplied in 12.5 kg bags.

Application areas

- ✓ Wall
- ✓ Floor
- ✓ Swimming pools
- ✓ Wet rooms in public bathing facilities
- ✓ Food industry
- ✓ Balconies
- ✓ Terraces
- ✓ Indoors
- ✓ Outdoors

Substrate

- ✓ Concrete floor
- ✓ Render
- ✓ Concrete slabs
- ✓ Plastered bricks

Product description

One-component, elastic, cement based membrane for watertightening of mineral bound substrates.

Technical data

Density:	1500 kg/m ³
Product class acc. to EN 14891:	CMP
Deformation:	min. 0.75 mm
Pot life:	3 hours
Setting time at 18°C for further surface treatment	10-24 hours
Surface dry, ready for next layer	3-5 hours
Ready for full load:	7 days
Recommended working temperature: (Powder and mixing water)	10-20°C
Consumption	
2 layer application	2.2 – 2.5 kg/m ²
3 layer application	min. 3.0 kg/m ²
CE	See information on DoP

Application areas

As watertight membrane before mounting of ceramic tiles, facade render or without additional surface protection on areas with light foot traffic like walking areas. Applied in public bathing environments, shower, floor areas, swimming pools, on terraces, balconies, catering kitchens etc. Also applicable as surface protection on concrete constructions, facades, chimneys and foundations.

Type of substrate

Concrete, plaster/render and mineral based substrates.

Pre-treatment of substrate

The substrate shall be stable free from loose particles. Holes, cracks or similar shall be repaired with a compatible mortar/levelling compound (water proof). Substrate must be free of dirt, oil, grease, paint, glue residue, etc. Absorbent surfaces must be moistened with a little water (no surplus water on the substrate) before applying 4650 aquastop flexibel.

Where there is a risk of movements in the substrate such as joints, connections between floors and walls etc, the connections shall be covered with 4502 vapourband. 4502 vapourband is embedded directly in wet compound and

subsequently covered completely with 4650 aquastop flexibel. In gaps and contraction cracks with minimal movements less than 0.75 mm the movements can be absorbed in the hardened 4650 aquastop flexibel. Cast, coherent, reinforced building parts such as swimming pools should not be sealed with reinforcement tape.

Application

12.5 kg powder to be mixed with 2.7-2.9 l clean water. Use a mixing paddle in minimum 2 min. until the mixture is lump free and homogeneous.

Apply with a short hair roller/ brush or spray. When spraying it is recommended afterwards to smooth with a broom.

Apply minimum 2 layers of 1-1.25 kg/m² pr. application. Each layer must be surface dry before next layer is applied. At extensive water load such as in swimming pools and similar 3 layers shall be applied.

For surface treatment with ceramic tiles in particularly dry, hot or windy climates it is recommended to prime with 4180 primer (as instructions for tile adhesive) to prevent tile adhesive from forming skin on surface.

Working environment

The product contains cement. Working environment rules for cement must be followed.

4650 aquastop flexibel is based on low alkali white cement and will always keep limit for chrome.

Reference to product safety data sheet.

Packaging

12.5 kg plastic strengthened paper bags with handle.

Storage and transportation

Store and transport dry. The product keeps technical specification minimum 12 months after production date in unopened packaging. Can be used hereafter; technical properties may, however, change; e.g. setting time may be extended.

See www.mira.eu.com for information on mira levelling compounds, screeds, waterproofing, tile adhesives, tile fixing and grouting