



4630 aqua-flex 2K membran



2-component cement based flexible membrane for waterproofing inside and outside, in wet areas like bathrooms in homes, in industrial kitchens, on terraces, balconies etc.

- Resistant to common chemicals in the food industry and bathing environments
- Good adhesion to all mineral-bound solid surfaces
- Perfect substrate for mounting ceramic tiles
- Apply with brush or roll

4630 aqua-flex 2K membrane is suitable as a membrane in wet rooms, as in bathrooms in homes and in industrial areas as food industry, commercial kitchens, terraces and balconies on concrete substrates and the like.

4630 aqua-flex 2K membrane is supplied in 3,5 kg and 10 kg buckets.



Building part

- ✓ Wall
- ✓ Floor
- Swimming pools
- ✓ Wet rooms in public baths
- ✓ Food industry
- ✓ Balcony
- ✓ Terrace
- ✓ Indoors
- ✓ Outdoors

Substrates

- ✓ Concrete floors
- ✓ Levelling compounds
- ✓ Concrete slabs
- ✓ Plastered masonry

Product description

2-component, flexible, cement-based membrane for waterproofing.

Technical data

Density:	1,5
Product class acc. to EN 14891:	CM02P
According to EN 14891 product is:	
- waterproof by application of min.	1.5 kg/m ²
- flexible by application of min.	2.0 kg/m ²
Deformation:	min. 0.75 mm
Pot life:	1-2 hours
Drying time 18°C	
Surface-dry, ready for next layer:	2-3 hours
for further surface treatment	6 hours
for full load:	7 days
Recommended work temperature: (powder and water)	10-20°C
Consumption	
- Bathrooms in private residence	1.5 - 2.0 kg/m ²
- Walls in public bathroom, commercial kitchens	1.8 - 2.5 kg/m ²
- Floors in public bathrooms, commercial kitchens and balconies etc.	2.2 - 3.5 kg/m ²
CE	See information on Declaration of Performance

Applications areas

Applied to all kind of stable cementitious substrates in wet areas as bathrooms in homes, commercial kitchens, industries as well as on terraces and balconies. Also suitable as surface protection on concrete structures, facades, chimneys and foundations. For swimming pools use mira 4650 aqua stop flexible.

Type of substrate

Concrete, plaster and similar mineral-based surfaces.

Pre-treatment of substrates

Ensure the substrate is firm and free of loose particles. Holes, cracks and similar need to be repaired with waterproof mortar / plaster. Substrate should be free of dirt, oil, grease, paint, adhesive residues, etc. Dry and absorbent substrates shall be primed with 4180 primer before applying 4630 aqua-flex 2K membrane. Follow the instructions on the primer packaging.

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

Where there is a risk of movements in the ground as in joints, floor / wall angles and the like you need to tightened with 4526 safecoat band or mira 4502 vapourband. 4526 safecoat band / mira 4502 vapourband is mounted directly into the wet mass and top-coated subsequently with 4630 aqua-flex 2K membrane. Use 4502 vapourband on terraces and balconies.

Application

The powder is mixed into the paste while stirring. Use a spiral mixer for a minimum of 2-3 minutes, until the mortar is homogeneous and lump-free.

Apply with short hair roller or brush. Application with af brus / roller gives about 1 kg/m² per application. It is important to keep the right consumption, as thicker layers may crack. Consumption is dependent on substrate smoothness. Each layer must be surface dry before the next layer is applied.

The applied membrane must be protected from rain / water for min one day. In areas with intensive heavy traffic, the membrane surface needs to be protected with ceramic tiles or similar durable surface covering.

When applying membrane outdoors over warm rooms, mira 4500 vapourmat cloth must be embedded into membrane layer.

Work safety

4630 aqua-flex 2K membrane is based on special cement and does not require safety labelling.

Please refer to MSDS.

Packaging

3,5 kg and 10 kg plastic bucket.

Storage and transport

Store and transport frost free and dry. The product meets technical specifications min 12 months from production date in unopened packing. Can be used hereafter, properties may however change, e.g. prolonged curing time.