

■ Description

Applied before coating materials such as ceramics and natural stones in interior and exterior spaces, composed of a modified polyethylene film laminated between high-resistant to alkali polypropylene felts, extra elastic three-layered waterproofing membrane

■ Advantages

- Time saving by easy and quick application in one layer
- Standard thickness waterproofing application
- High elasticity and crack bridging ability
- Resistant to dynamic loads
- Resistant to dilute acidic and alkaline solutions
- Resistant to UV rays

■ Application areas

- Wet areas such as bathroom and toilet
- Industrial kitchens
- Swimming pools
- Water tanks
- Terraces and balconies

■ Application substrates

- Concrete
- Cement based renders and screeds
- Gypsum or cement based boards

Please consult us for all other application substrates.

■ Preparation of substrates

- Remaining residues and loose particles such as mold-oil, which prevents adhesion, and cement residues should be removed and a clean, smooth surface not exposed to cold surface should be prepared.
- It should be ensured that the surface is cured and firm.
- If there are no bumps on the surface that could puncture the membrane, there is no need to wipe.
- If necessary, the surface can be primed with **weberprim FP-A** to reduce absorbency.
- For applications on ceramic-coated surfaces, the primer must be applied with **weberprim TG-5**.
- Surface defects and surface joints deeper than 3 mm should be leveled with Weber repair mortars.
- Weber waterproofing tapes should be applied to all corner joints. In addition, all internal and external corners, pipe joints and drains should be reinforced with suitable Weber auxiliary materials (internal and external corners, pipe collars, etc.). The tapes and collars should be bonded to the surfaces with **weberdry SS -7 easy** waterproofing product.

■ Application Conditions

- **webertec membrane** is cut to the proper size depending on the area of application.
- **webertec membrane** is applied to the surface with a Weber brand ceramic adhesive mortar, class C2 (min C2), using a 4 mm comb. Make sure that a gap of approximately 1 mm remains at the corners at the end of the application to avoid potholes.
- The joints of **webertec membrane** must be overlapped by at least 5 cm.
- After these processes, smooth the membrane by scraping it towards the edges with the back of the dental spatula so that no air remains. On the underside, ensure 100% adhesion to the surface by removing excess mortar. Make sure that the ceramic adhesive does not overflow from the overlap joints.
- The overlapping joints should be sealed with **weberdry SS -7 easy** waterproofing product.
- For floor-wall connections, it is sufficient to turn the application 10 cm towards the wall. In the shower unit, the water will rise vertically to the uppermost point (about 2 m), the practice should be continued.
- Immediately after the application of **webertec membrane**, ceramic tiling can be started without waiting. The ceramic adhesive mortar to be used must have a minimum flexibility class of S1.

■ Application tools

Comb, hand mixer, 4 mm steel notched trowel, roll or brush

■ Consumption

- **webertec membrane** : 1m²/1m² (except overlapping)
- Ceramic adhesive mortars and cement-based waterproofing products: 1,70-2,00 kg/m²

■ Points of attention

- **webertec membrane** should be protected from direct sunlight and rain until the applied ceramic adhesive mortar has hardened.

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş. is not responsible for the application errors arising from use of product beyond its intended purpose of failure to comply with the forgoing application conditions and advice on the product.

■ Technical Specifications

Physical Properties		
Appearance		Double-sided, yellow coloured felt membrane
Thickness		0,62 mm
Total width		1 m
Roll length		30 m
Density		275 gr/m ²
Resistance to pressured water	DIN EN 1928 (Version B)	≥ 1,5 bar
Resistance to UV rays	DIN EN ISO 4892-3	≥ 450 hours
Water vapour permeability (s _d)	DIN EN 1931	≥ 85 m
Longitudinal tensile strength	DIN EN ISO 527-3	370 N / 50 mm
Transverse tensile strength	DIN EN ISO 527-3	250 N / 50 mm
Elongation at longitudinal rupture	DIN EN ISO 527-3	%90
Elongation at transverse rupture	DIN EN ISO 527-3	%120
Longitudinal tearing strength	DIN EN 12310-2	100 N
Transverse tearing strength	DIN EN 12310-2	140 N
Bond strength	DIN EN 1348	0,5 N/mm ²
Service temperature	-	(-30°C) - (+90°C)
Resistance to fire	DIN EN 4102	B2
Resistance to fire	EN 13501-1	Class E

Chemical Properties*	
Hydrochloric acid %3	+
Sulfuric acid %5	+
Citric acid 100 gr/l	+
Lactic acid %5	+
Sodium hypochlorite 0,3 gr/l	+
Saltwater 20 gr/l (sea salt)	+
Potassium hydroxide %3/%20	+ / +
Alkali resistance 28 day/40°C/%3	+

* Strengths after being exposed to the specified chemicals at room temperature for 7 days

■ Storage

Packaging	<ul style="list-style-type: none">Roll (30 m²)1 Pallet/36 rolls (1080 m²)
Shelf Life	<ul style="list-style-type: none">2 years from date of manufacture when stored in a dry, moisture-free environment.

LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

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