



**we
care**



Elastomeric
membrane

cementitious

under

tile

waterproofing



Product Description

weber waterseal 121 is a two-component polymer modified elastomeric cementitious waterproof membrane for high performance under-tile waterproofing. Fortified with graded fillers, polymers and additives, Weber Waterseal 121 can be applied by brush, roller or spray on cementitious as dry wall partition boards.

weber waterseal 121 is an ideal positive side waterproofing coating in water containment structures, wet areas, terraces, balconies and provides an excellent resistance to positive side hydrostatic pressure.

Typical application

- Ideal for drywall partitions, weber Waterseal 121 protects gypsum board, cementitious boards, and concrete against water penetration.
- On cementitious surface it can be used as under-tile waterproofing membrane in wet areas, swimming pools, water tanks, balconies, mid-sized terraces
- As under-tile waterproofing coating on smooth surfaces like
 - Cast concrete.
 - Glazed surfaces.
 - Fiber cement boards.
 - Plasterboard.
 - Moisture resistant grade plaster board.

Features and benefits

- Elastomeric two-component polymer modified cementitious membrane coating makes it flexible enough to bridge hairline cracks.
- Resistant upto 5 bar pressure.
- Protects gypsum board, cementitious board and concrete against water penetration and long-term weathering.

- Highly durable and economical.
- Easy to mix and apply with brush or roller.
- Non-toxic in nature.
- Can be applied on internal and external surfaces.

Method of application

Surface preparation

- Substrate should be sound, levelled and clean without any bond inhibiting substance, like dust, dirt, grease, oil, laitance or loose particles.
- Loosely held dust must be thoroughly removed with wire brush.
- If any structural related issues are noticed, same to be attended before waterproofing.
- Thin cracks, joints, corners, and edges should be supported with fiber-reinforced mesh webertape stickon
- Wash the surface with potable water to remove any residual dust on the surface.
- Before application the product must be in Saturated surface dry (SSD) condition. This ensures product is easy to apply, has better coverage and enhanced bond strength with concrete substrate.

Priming on dry wall partitions

- Mix weber Primer 401 with equal quantity of water and mix until a uniform mix is achieved.
- Apply this diluted mix uniformly over the surface with a brush or a roller.
- Wait for 2-3 hours before application of waterproofing membrane.
- Surfaces must be primed with 1 coat of Weber Primer 401 before application of Weber Waterguard.

Product preparation

- Mix Part B manually and pour the entire liquid

content in bucket.

- Gradually add all the powdered material under continuous stirring using a slow speed mechanical mixer. Mix for 2 minutes until a homogeneous lump free consistency is achieved.
- Mix the entire contents and avoid part mixing
- Allow the mixture to stand for 5 minutes to let it mature. Later mix the material again to restore its consistency.

Application

- Apply 1st coat of weber Waterseal 121 onto the areas with semi stiff nylon bristle brush
- Wait for 5-6 hours to let the first coat to dry.
- Apply second coat of Weber Waterseal 121, in direction perpendicular to the first coat.
- For water containment structures like water tanks, swimming pool, underground storage tank an additional coat of Waterseal 121 shall be required.
- On final coat of Weber Waterseal 121, sprinkle coarse sand while the coat is in wet condition. This shall ensure better adhesion with plaster, screed of tile adhesive.
- After 7 days cover this layer with a protective screed/ plaster / tile.
- Tiles can be fixed directly of Weber Water Waterseal 121 using suitable Weber tile adhesive.
- For larger format tiles, a 45 GSM glass fiber mesh can also be embedded between 2 coats of Weber Waterseal 121 for additional durability.

Limitations and precautions

- Consume the material with 60 minutes of mixing of material. Do not add excess water to extend pot life of material in any case.
- Do not ever add any foreign materials.

Performance parameters

Colour	Light Grey
Pot life @ 30°C	30 mins
Mixing ratio	1.4 part powder : 1 part liquid
Toxicity test	Non toxic
Static crack accommodation	Up to 1 mm
Elongation at break at DFT of 1 mm	> 100%
Tensile strength	1.3 MPa
Recoating interval	6 hours
Adhesion to concrete surface	> 1 MPa
Adhesion to FCB board	> 0.75 MPa

Cleaning

All equipment, application tools must be cleaned with clean water immediately after use.

Coverage

Approximately 5.5 - 6.25 sq ft per kg of Weber Waterseal 121 applied in 2 coats depending up on the porosity and level of surface.

Shelf life

Shelf life is 12 months from the month of manufacturing if stored in original and unopened packaging in a cool & dry place away from direct sunlight.

Packaging

Weber Waterseal 121 is available in 12 kg, 48 kg packs.

Health & Safety

- Wash skin with soap & water. Remove contaminated clothes.
- Immediately splash eyes with plenty of water. Consult Physician if irritation persists.

Disclaimer

The user should determine the usability of the product for its intended use. Our products are manufactured under the Saint-Gobain quality standards and subjected to strict quality and

control procedures. Since the company has no control over site conditions and the installation procedures, the company would not be responsible under any circumstances for any loss, damage, or liability from incorrect usage.



FDS / SDS / DoP
Product information



<https://goo.gl/d39avs>

Scan QR code to download android app for product information and technical data for our complete product range, directly from your smartphone.



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