



- Elastomeric cementitious waterproof coating
- Internal and External application
- Protects when exposed to extreme climatic conditions
- Easy brush applied



Product Description

Weber waterseal 321 is a two component polymer modified, elastomeric cementitious water proofing coating which requires only clean water to be added at site for easy brushable consistency.

It protects the concrete, cementitious substrate and advance dry wall partition against water penetration. **weber waterseal 321** protects and enhances the durability of the structures which are exposed to coastal and extreme climatic conditions. It is easy to apply on the surfaces by a stiff brush, roller or trowel to form a flexible, waterproof coating.

Key Features

- Provides high water impermeability at 5 bar pressure.
- It can be used for both internal and external application.
- Excellent bonding to masonry, concrete and non porous surface.
- It provides resistance against the attack of carbon dioxide and chloride ion diffusion.
- Suitable for retaining structure against water ingress.
- It resists strongly effect of long term weathering, climatic conditions including UV exposed areas.
- Nontoxic in nature.
- Easy to apply and economical in use.
- Breathable in nature allow the water vapor to escape from structure, have good crack bridging properties.
- It can be applied for existing and new surfaces.

Recommendation

- Weber waterseal 321 can be applied to surfaces which are smooth, porous and non porous. Surfaces like cast concrete, glazed surface, plastered, fiber cement board, plaster board and moisture resistant plaster board can be protected against the water penetration to provide waterproofing surfaces.
- It can withstand normal traffic movement and in case of high traffic thickness of coating to be increased with protection layer of screed.
- Weber waterseal 321 can be applied as coating and to protect tie rod to provide water tightness.
- Application for weber waterseal 321 can be
 - o Wet areas in kitchen sink.
 - o Balconies and terraces.
 - o Sunken slabs in bathrooms & toilets.
 - o Sloped and flat roofs.
 - o Internal wall dampness area.
 - o Water tanks.
 - o Submerged condition area.

TECHNICAL PARAMETERS#

Color	Grey
Pot life @ 27deg c	80 mins
Mixed density	1.80 gm/cc
Bonding strength to concrete @ ASTM D4541	> 1.1 Mpa
Water permeability @ DIN 1048	5 bar
Toxicity test @ IS 6582	No toxicity
Tensile strength @ ASTMD 638	> 0.4 Mpa
Application temperature	10 – 35 @ deg C
Recoatable	Yes

Directions for Use

Application Methodology

- The application surfaces need to be cleaned to remove dirt, dust, laitance, loosely attached particles and bond inhibiting compounds with help of wire brush.
- In case of high grade concrete water pressure jet and grit blasting can be used to clean the surfaces.
- In case of oil & grease residue on structure to be cleaned with solvent, surfactant followed by water cleaning.
- The dust generated during surface preparation, ideally vacuum cleaner to be used.
- Before application of coating the surface need to be well saturated with clean water and should be touch dry before the coating is applied.

Mixing

- Weber waterseal 321 is 2 component consisting of grey color free flowing powder and liquid polymer to be mixed along with clean water in ratio of 3:1 by weight and to be applied on surfaces.
- Slowly add filler to the liquid and mix the content, using slow speed drill fitted with a suitable paddle to achieve lump free, brushable consistency.
- Mix the component for 3-5 minutes with addition of clean water as per mixing ratio and allow the mix to mature for 2 minutes to regain application consistency.
- Do not extend pot life by adding water into the mix when it has dried.
- Brush the mixture firmly on the prepared surface, care must be taken not to spread material too thin on the surface using small size 4"-6" brush.
- Allow at least 4-6hrs to cure before applying subsequent coats, the second coat to be applied in direction of 90 deg to first coat to achieve a minimum of 1 mm thickness.
- Allow the water proofing coat to dry for 48-72 hrs subjected to water leakage test.
- In case of surfaces subjected to heavy traffic movement need to be applied higher thickness of 1.5-2mm followed by protection screed.

Mixing Ratio

Powder portion	15 kg powder
Liquid portion	5 lit liquid
Water	500 ml – 1 lit clean water

Pack Size : 20 Kg

15 kg weber waterseal 321 component-a (powder in bag)
5 lit weber waterseal 321 component-b (polymer liquid in can)

Consumption

1.9 – 2kg/sqm for 2 coats, consumption may vary depending on surface conditions.

Shelf Life

1 year from the date of manufacturing in a sealed condition under dry area

Health & Safety: weber waterseal 321 is non-toxic. Use of gloves and goggles is recommended. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Weber components are non flammable.

#Note: Pot life, open time and adjustability time varies depending on the service conditions viz temperature, humidity and wind factor.

#Note: These test values were obtained during our laboratory tests. Site mixes may show slight differences in performance due to methods of applications.

Disclaimer: Information on this datasheet is to be treated as guideline for usage. Users are advised to undertake a trial for product suitability prior to it's full scale usage. There is no express or implied guaranty/warranty for the results. The company is not liable for any consequential damages.

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