

MEGA WATER SEAL PRO

PROFESSIONAL GRADE, HIGHLY FLEXIBLE,
TWO COMPONENT ACRYLIC CEMENTITIOUS COATING



Mega Sealers
Waterproofing Solutions



PRODUCT DESCRIPTION

Mega water seal PRO is a complete user friendly cementitious waterproofing system, consisting of two component factory blended package in a strict quality control environment, to ensure optimum results after use. The two components are mortar based on cements, fine-grain aggregates with special additives and synthetic polymers in water dispersion. After curing it forms a flexible layer impermeable to CO₂ SO₂ chlorides and sulphates.

USES

- Used for interior and exterior waterproofing of cement supports and masonry against humidity and cellar waters, against stagnant waters etc.
- It can be used above or below grade, to waterproof cisterns, tunnels, reservoirs, basements, retaining walls.
- Waterproofing positive pressure like swimming pools purification plants plinths, dams etc.
- Waterproofing negative pressure like galleries, humid rooms, elevator shafts etc.

ADVANTAGES

- Minimum surface preparation needed and low labour costs
- Water proof - suitable for water retaining structures
- Excellent barrier to carbon dioxide, chloride ions and water
- Allows water vapour to escape from the structure
- High resistance to the effects of long term weathering, durable in all climatic
- Conditions including UV attack

METHODOLOGY

■ Pour 2/3 of the gauging water in a clean mixing container, add MEGA WATER SEAL PRO and mix for at least 3 minutes to form a lump-free bonding slurry. Add the rest of gauging water and mix again. Quantities up to 25 kg can be mixed with a suitable paddle attached to a high-speed mixer. Larger quantities should be mixed in a blade-type concrete mixer.

■ Apply the mixed MEGA WATER SEAL PRO immediately to the prepared surface and work in thoroughly using a hard broom for floors or a brush for walls. Fully cover the whole surface area with the bonding agent. Do not allow the bonding agent to dry.

TECHNICAL DATA

Test Name	Standard Used	Minimum Value	Maximum Value	Average Value
Specific Gravity	ASTM D-792	1.731	1.783	1.756
Tear Resistance	ASTM D-624	13 kN/m	14 kN/m	14 kN/m
Shore A Hardness	ASTM D-2240	64 kN/m	69 kN/m	67 kN/m
Tensile Strength	ASTM D-412	1.09 MPa	1.17 MPa	1.13 MPa
Elongation at Break	ASTM D-412	185%	198%	192%

OTHER SPECIFICATIONS

Appearance: Fine grey powder	Water Absorption: 3.6% water (boiling)
Color: Reddish Brown (after apply)	submersion at 24 hours
Form: Slurry (after mixing)	Adhesion to concrete: 2.7N/mm ²
Density: 1.4kg/liter (for powder)	Application Method: Trowel/Brush (after mixing)
1.05kg/liter (for liquid)	Packing: 15kg dry compounds,
Working Time: 45 minutes (at 25°C)	6kg liquid compound

CLEAN UP

Materials are difficult to remove when set. Clean tools and equipment before the material set.

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the product uses.

HEALTH AND SAFETY INFORMATION

It is physiologically non hazardous once cured. However, follow standard Health & Safety Procedures when handling the product and wear gloves and face / eye protection. Avoid eye and skin contact. If skin contact occurs, wash with plenty of water and soap. In case of eye contact rinse with plenty of water and seek medical advice.

Non reacted material should only be disposed to special designated sites. It is better to let the product react with water to form foam before disposal in landfill sites.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Mega Sealers products, are given in good faith based on Mega Sealer's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Mega Sealer's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Mega Sealers reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

In case of any query or technical assistance, please feel free to contact us on following numbers mentioned below. Our dedicated customer support team will be happy to assist you.



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HEAD OFFICE: C-1-C, 2nd Floor, Main Khy-e-Itehad, Near KFC,
Opposite Dubai Islamic Bank, DHA Phase 7, Karachi-Pakistan.
PLANT: Plot B-653, Sec. 3, Near Life Care Medical, Ahsanabad
Industrial Area, Karachi-Pakistan.
☎ +92 213 5318800 📞 +92 318 3880164 | +92 318 3880163
✉ info@megagroup.com.pk 🌐 www.megasealers.com