

weberdry WP 100-SF

Two-component, cementitious waterproofing slurry



weberdry WP 100-SF is a semi-flexible, two-component, polymer-modified cementitious waterproofing slurry comprising a latex admixture and a cement-based powder incorporating special additives. It protects a wide range of building and structural concrete components with excellent resistance to water.

PRODUCT BENEFITS



ECO FRIENDLY



EASY APPLICATION



CRACK BRIDGING

USES

weberdry WP 100-SF is suitable for bathrooms, kitchens, tiled floors, dry yards, refuse chambers, water tanks, balconies, A/C ledges, reinforced concrete gutters, planter boxes (excluding anti-root products), and swimming pools.

ADVANTAGES

- Pre-packed, easy to mix and apply
- Consistent slurry texture
- Excellent adhesion to substrates
- Protection against water penetration
- Protection against concrete carbonation
- Non-toxic and non-corrosive

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Part A: Grey; Part B: Milky White
Density	Part A: 1600 kg/m ³ ; Part B: 1020 kg/m ³
pH	Approx. 10
Inflammability	No
Toxicity Hazard	No
Pot Life (Working Time)	Approx. 2 hours
Touch Dry Time	Approx. 3-4 hours
Setting Time	Approx. 24-48 hours
Application Temperature	5-40 °C at ambient temperature
Damp Resistance	Good
Flexibility	Good
Pull-Off Adhesion Strength (ASTM D7234-12)	> 0.60 N/mm ² (28 days air dry)
Water Absorption (BS 1881-122:2011)	Approx. 0.20 % (28 days air dry)

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

CONSUMPTION

Approx. 1.5-2.0 kg/m² in 2 coats or 2.5-3.0 kg/m² in 3 coats application. Recommended dry film thickness is 1-2 mm. For non-retaining structures, a minimum of 2 coats is advised, while water-retaining structures should have a minimum of 3 coats for optimal performance.

weberdry WP 100-SF

Two-component, cementitious waterproofing slurry

PROCEDURE & APPLICATION



Surface Preparation

All substrates must be fully cured, dry, sound and free of contaminants such as grease, oil, dust, loose particles, laitance, etc. Dampen the substrate before coating and remove any excess water to avoid ponding on horizontal areas.



Mixing

Mix in a clean container by slowly adding Part A (powder) to Part B (liquid) and stirring with a low-speed mixer (~500 rpm) for 3-5 minutes until a smooth, consistent mixture and slurry consistency are achieved.



Application

Apply the first coat of weberdry WP 100-SF in one direction onto the substrate while it is still damp. Allow it to dry for approx. 3-4 hours before applying the second coat. Apply the second coat in a crosswise direction. Ensure that the second coat applied is sufficiently thick to withstand anticipated water pressure. Consistently apply the waterproofing mortar, filling all pores, pinholes, or voids. Cement-sand angle fillet or a polyurethane sealant can be incorporated at internal corners between walls or walls and floors to relieve movement stresses. The waterproof coating when applied over cracks, joints, and junctions can be reinforced with fiberglass netting between coats. For an effective waterproof tanking system, use weberdry WP 100-SF throughout the floor areas, with a wall upturn of between 300-600 mm. Avoid application in direct sunlight and strong winds.



Curing

The waterproofing must not be wetted while it is still curing and should be protected from direct sunlight, rain, or pedestrian traffic. Ensure at least 4 days of natural air curing. However, 7 days are recommended for overcoating with other cementitious materials, such as screed or tile adhesive, etc. Water ponding tests can be carried out after 4 days of curing.

CLEANING

All tools and equipment should be cleaned with water immediately after use. Hardened material can be removed mechanically.

STORAGE & PACKING

weberdry WP 100-SF is available in 25 kg sets (Part A - 20 kg + Part B - 5 litres). Shelf life of 6 months if unopened and kept in sheltered and dry conditions.

HEALTH & SAFETY

Wear protective clothing, gloves, and goggles during mixing and application process. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medical attention if irritation persists. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain Weber (M) Sdn Bhd reserves the rights to amend the contents of the data sheet at its sole discretion. (Feb '24)



SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya, 42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507 info.webermalaysia@saint-gobain.com www.saint-gobain.my

SAINT-GOBAIN