

weberdry WP 100-SF

TWO COMPONENT SEMI-FLEXIBLE CEMENTITIOUS WATERPROOFING SLURRY

DESCRIPTION :

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

USES :

- Bathroom, kitchens, under tiled floors and dry yard.
- Refuse Chamber.
- Water Tanks.
- Balconies and A/C Ledge.
- RC Gutters and planter boxes (but not anti-root product).
- Swimming pools

FEATURES AND BENEFITS :

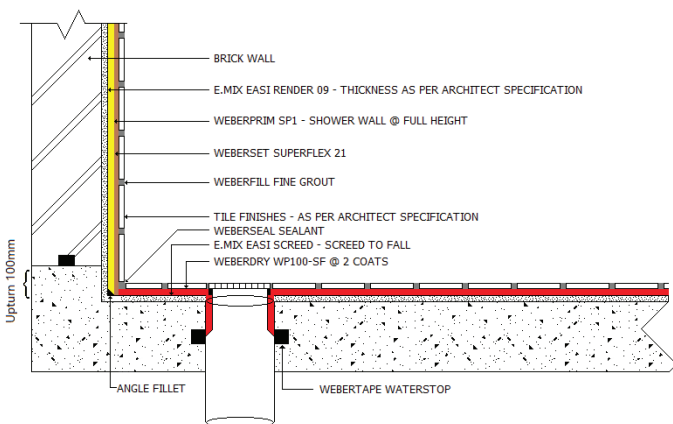
- Pre-packed components, easy to mix and apply.
- Slurry consistency.
- Good adhesion to sound substrates.
- Protects against water penetration and concrete carbonation.
- Non-toxic and non-corrosive.
- Easily applied using brush or roller

PREPARATION :

- Concrete, cement-sand render / screed & masonry surfaces must be fully cured, dry, sound, flat or true & free of contaminants eg. grease, oil, dust, loose particles, laitance etc.
- Steel / metal surface must be free of scales, rust, grease, oil etc.
- Damp the surface before coating and remove any excess water to avoid ponding on horizontal areas. This is particularly important if the substrate exhibits a high degree of water absorption. Rapid loss of moisture from the waterproof coating may result in pinholes, poor adhesion and overall weakened properties.

MIXING :

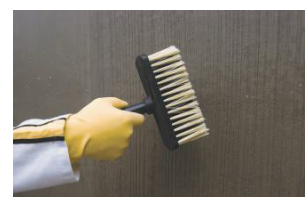
- Mix in a clean container by slowly adding Part A (powder) to Part B (liquid) and stirring with a low speed mixer (500 rpm) for 3 - 5 minutes, until a smooth consistent mixture and a slurry consistency is achieved.



TECHNICAL DATA		
Colour	- Powder	: Grey
	- Liquid	: Milky White
Density	- Powder	: 1600 kg/m ³ (dry)
	- Liquid	: 1020 kg/m ³
pH of mix		: Approx. 10
Shelf Life		: 6 months
Inflammability		: No
Toxicity Hazard		: No
Dry Film Thickness		: 1 - 2 mm
No of coating		: Minimum 2 coats for non-retaining structure : Minimum 3 coats for water retaining structure
Coverage		: 1.5 - 2.0 kg / m ² (for 2 coats) : 2.5 - 3.0 kg / m ² (for 3 coats)
Pot Life (Working Time)		: 2 hours
Touch Dry Time		: 3 - 4 hours
Setting Time		: 24 - 48 hours
Application Temperature		: Between 5°C - 40°C at normal ambient temperature
Damp Resistance		: Good
Flexibility		: Good
Pull-Off Adhesion Strength		: > 0.60 N/mm ²
28 Days Air Dry		ASTM D7234-12
Water Absorption		: ≈ 0.20%
28 Days Air Dry		BS 1881-122 : 2011



Mix using mechanical stirrer



Apply a minimum of 2 coats

APPLICATION :

- Apply the first coat in the same direction on to the prepared substrate whilst the substrate is still damp from saturation.
- Leave the first coat to touch dry for approximately 3 - 4 hours (depends on site conditions) before applying the second coat.
- Apply the second coat in a crosswise direction to the first application as soon as first coat has hardened.
- The second coat applied must be sufficiently thick to withstand the anticipated water pressure.
- Ensure that the waterproofing mortar is consistently applied, filling all pores, pinholes or voids. Ensure that waterproofing applied is seamless. Extra care must be taken when applying to joints, cracks, junctions or corners (See note).
- To obtain an effective waterproof tanking system, **weberdry WP 100-SF** must be employed throughout the floor areas, with a wall upturn of between 300 - 600mm.
- Avoid application in direct sunlight and strong winds.

Note:

Cement-sand or a polyurethane sealant "Angle Fillet" can be incorporated at internal corners between wall & wall or wall & floor to relieve waterproof coating of stresses in the event of movement. Waterproof coating applied over cracks, joints & junctions can be reinforced by incorporating fiberglass net in between coats.

It is the responsibility of users / applicators to determine condition & suitability of all surfaces; prior to actual application.

CURING :

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

COVERAGE :

Approximately 2.0kg/m² in 2 coats.

PACKING :

Part A (powder): 20kg bag & Part B (liquid): 5 liters drum.

SHELF LIFE / STORAGE :

At least 6 months when stored in dry conditions at ambient temperature.

TECHNICAL SERVICES :

For further details or recommendation please contact our Technical Advisory/Specification Center at 603-6038 9498 (KL) & 604-626 2830 (Penang)

PRECAUTION :

- Do not add water above the recommended stated dosage.
- Use only clean (potable) water.
- Non-Toxic. However, avoid inhaling dust.
- If the product enters the eyes wash out with water and seek medical attention.
- Keep away from children.
- May cause minor irritation to those with sensitive skin. Wear suitable gloves.
- Clean all tools and equipment promptly before the material hardens. Hardened materials can only be removed by mechanical means.

Conditions Of Sales :

Sold subject to Company's Condition of Sale, which is available upon request.

Note :

All instruction and information are provided by us for the general guidance only and are believed to be accurate and complete. Users must exercise special care and caution depending on the conditions and particular purpose of usage and are responsible to ensure that they have consulted our latest literature. To the maximum extent allowed by law, Saint-Gobain Weber (M) Sdn Bhd, its representatives, agents or distributors shall be under no liability for any loss of profits and other economic or physical losses.

Marketing Offices :

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Member Of :

- FMM, Malaysia
- MCIG, Malaysia
- MBAM, Malaysia
- MGBC (Malaysia Green Building Confederation)
- SGBC (Singapore Green Building Council)
- SIRIM Working Group - MS 1294 & MS 1295

OHSMS CERTIFIED TO ISO 45001 (CERT NO: MY16 / 02151)
EMS CERTIFIED TO ISO 14001 (CERT NO: MY13 / 04546)
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WATERPROOFING