



Weberdry plus

Cementitious waterproofing mortar

Waterproofing

PRODUCT

weberdry plus is a waterproofing mortar, with positive and negative water pressure resistance, suitable to water tanks, swimming pools, underground basements. **weberdry plus** is compatible with drinkable water and it is applied with trowel and brush.

SCOPE OF USE

- **Water Retaining Structures:** Water tanks (including potable water), reservoirs, and swimming pools.
- **Underground Structures:** Basements, foundations, retaining walls, tunnels, lift pits, and underground car parks.
- **Wet Areas:** Bathrooms, kitchens, balconies, and utility rooms subject to constant moisture.
- **Concrete Protection:** Surfaces exposed to continuous or intermittent water contact, protecting against leaks and seepage

ADVANTAGES

- Resists positive and negative water pressure.
- Compatible with potable (drinkable) water applications.
- Provides a continuous waterproof barrier.
- Easy to apply with trowel or brush.
- Suitable for submerged structures and below-ground areas.

CHARACTERISTICS

Yield 1.6 – 1.8 kg/m² per mm of thickness
(depending on substrate porosity & application)

Application temperature Between 5°C and 35°C

Curing Time

Light pedestrian traffic	After 24 hours
Filling with water (pools/tanks)	After 7 days
Full curing before service	7 days

Application thicknesses

Minimum thickness	10 mm
Maximum thickness	40 mm
Recommended layer thickness	10 - 15 mm

Uses

Minimum thickness	2 mm (per coat)
Maximum thickness	5 mm (per coat)
Recommended total system thickness	4 - 6 mm (applied in 2 coats)

Water Pressure Resistance

Positive pressure	up to 7 bar
Negative pressure	up to 3 bar

Compression strength

After 28 days	> 25 MPa (N/mm ²)
---------------	-------------------------------

Bending strength

Classification bending strength	> 6 MPa (N/mm ²)
After 28 days	6 MPa (N/mm ²) EN 13892-2

Shrinking

After 28 days	< 1.2 mm/m EN 13454-2
---------------	-----------------------

Physical requirements

Fire reaction	A1fl EN 13501-1
---------------	--------------------

Chemical requirements

Cured material	Approximately PH:11
----------------	---------------------

APPLICABLE STANDARDS

EN 1504-2, EN 12873-1, EN 12873-2, EN 196-1, EN 13892-2, EN 1542, EN 13501-1, EN 1348

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

- Support must be clean and consistent. It is recommended to apply a pre-wash of the substrate with liquid water pressure to remove all free particles from the surface.
- Irregularities should be previously filled with appropriate mortar.
- It is also recommended to humidify the surface before applying **weberdry plus**.

PRODUCT PREPARATION

- One 20 kg bag of Weberdry Plus requires 5 – 6 liters of clean water.
- Always measure water accurately to ensure consistent performance.
- Pour the required quantity of water into a clean mixing container.
- Gradually add Weberdry Plus powder while mixing continuously with a low-speed mechanical mixer ($\approx 400 - 600$ rpm).
- Mix until a smooth, lump-free paste is obtained.

PRODUCT APPLICATION

- Combine a 20 kg bag of Weberdry Plus with 5 to 6 liters of clean water and stir until completely free of lumps. After mixing, the paste is ready to be applied.
- Do not add too much water or attempt to extend the working time by adding more water, as this will weaken the mortar and reduce resistance.
- Do not mix more mortar than can be applied within 4 hours.
- Spread mortar using a trowel or brush to a minimum bedded thickness of 1 mm (≈ 1.5 kg/m²).
- Apply a reinforced alkali-resistant mesh (3x3 mm or 4x4 mm), ensuring adequate overlapping between layers on top of the 1st coat.
- Apply a 2nd coat of mortar on top and press for a final thickness between 2 mm and 3 mm.
- Do not apply when conditions are unfavorable, such as risk of frost, intense heat, or strong wind.

PRECAUTIONS

- Proper preparation of the substrate is essential to achieve good results of the application of the product.
- Respect the separation and shrinkage joints in the floor, along with expansion joints, approximately every 25m²
- Do not apply the product at temperatures below 5°C or above 35°C, to avoid possible carbonation or figuration due to dehydration of the material.

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product irritates the eyes, airways and skin. Wear goggles with lateral protection, dust mask in areas with limited ventilation, proper work clothing and protective gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

The information included on this Technical Data Sheet is the sole property of Saint-Gobain Ghana. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.