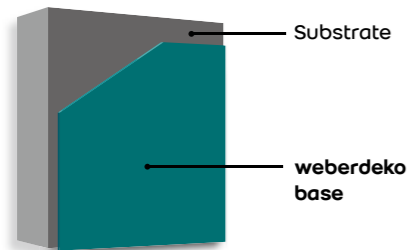


weberdeko base

Water resistant and pre-mixed cement-based sprayable plaster for thin application in interior and exterior conditions



weberdeko base is a high quality water resistant cement-based thin plaster especially designed for thin plastering or surface improvement works to concrete and blockwalls or as a final coat on plastering surface. With its excellent durability and stability under weathering conditions, weberdeko base is a reliable and suitable skim coating material to be applied on substrates such as fairface concrete, rendered walls and also drywalls. weberdeko base is suitable for both dry and wet interiors and exteriors. weberdeko base can directly receive paint.

Uses

- Interior thin wall rendering
- Exterior thin wall rendering
- Panel thin wall rendering
- Ceiling thin plastering

Features and Benefits

- Formulated to comply with European Norm, British Standard and Chinese Standard
- Single component : fixed mixing proportion, ensure the quality of work
- Specific design for thin spray plastering
- Shrinkage compensated : reduce the chance of shrinkage cracks
- Mould resistance, water resistance
- Suitable as a skim coat to receive paint
- Compatible to cementitious Weber RENDER series products

Complied Standards

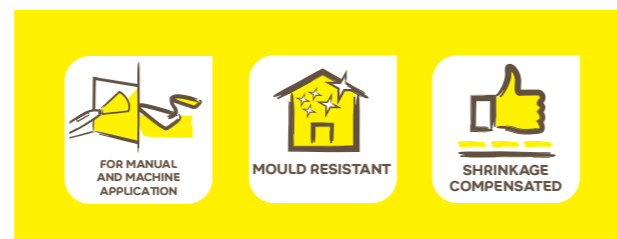
- European Norm : EN 1015 : 2000
- British Standard : BS 5262, BS 5492, BS 5385, BS 5838 : Part 2, BS 6319 : 1983
- Chinese Standard : JC/T 157, JG/T 3049 : 1998 : Type SZ N 0.50, GB18582 : 2001



Packaging
40kg / bag

Storage life

12 months
if the product is kept in dry condition and stored in the original unopened packaging.



Technical Data

Colour	Grey, white
Component	Portland cement, non-reactive aggregate, graded sand and other chemical additives
Max. aggregate size	0.5 mm
Water demand	Hand application: Approx. 26 – 28% (10.4 – 11.2 L/40 KG bag) Spray application: Approx. 28 – 30% (11.2 – 12 L/40 KG bag)
Density	1.3 KG/L (dry) 1.6 KG/L (wet) for 27% water demand
Pot life	Approx. 1 hour
Thickness	2 – 4 mm for 1 coat 5 – 8 mm for 2 coats
Coverage	Approx. 1.3 KG/m ² /mm
Theoretical consumption	Approx. 3.9 KG/m ² for thickness of 3 mm Approx. 10.25 m ² / 40 KG bag for thickness of 3 mm

Physical Properties

Adhesion to concrete	JG/T 157, EN 1015 : Part 12, HKHA MTS FIN M790.C - Initial adhesion strength - Adhesion strength after water immersion - Adhesion strength after heat ageing - Adhesion strength after freeze-thaw cycle	≥ 1.0 N/mm ² ≥ 0.7 N/mm ² ≥ 0.7 N/mm ² ≥ 0.7 N/mm ²
Compressive strength	EN 1015 - II	≥ 5 N/mm ²
Flexural strength	BS 6319 : Part 3	≥ 3 N/mm ²
Shrinkage	Coutinho Ring HKHA MTS Spec. Part D, Cl. 2.1.6	no cracks observed
Water resistance	JC/T 157	Resistance to water immersion
Water retentivity	BS 4551	> 99%
Alkaline resistance	JC/T 157	Resistance to alkaline immersion
Formaldehyde content	GB18582	< 0.1 g/KG

Procedures

Substrate Preparations

- Substrate must be free from grease, mould oil, rust, rusty metal, wood peels, paints, plastics, loose particles, contamination on any traces of foreign materials affecting the adhesion of weberdeko base.
- Moisten the substrate the night before and also at the time before the commencement of operation. Neither stagnant water nor continuous water flow on substrate is allowed immediately prior to plastering.
- When the substrate is concrete of high fly ash content, the surface should be sealed with weberprim moisture sealer before hand.

Mixing and Installation

- Mix a bag of dry-mixed powder (40 KG) with appropriate amount of water (depending on the application mode) by using an electrical mixer for 3 – 7 minutes. For hand application, add approx. 26 – 28% (10.4 – 11.2 L) of water; for spray application, add approx. 28 – 30% (11.2 – 12 L) of water.
- A pumping machine is used for the pumping and spraying of weberdeko base. This machine would only accept wet materials and separate mixing is required.
- Plaster in thickness of 2 – 4 mm can be applied in one coat.
- Plaster in thickness of 5 – 8 mm can be applied in two separate coats on the same day, namely the respective thickness of the first coat and the second coat is 4 mm. The first coat has to be 80 – 90% dried or touched hard before the application of the second coat. Each coat should preferably not exceed 4 mm. The maximum thickness allowed to be applied on 1 day shall not be more than 8 mm in thickness over the same plaster area.
- Wait for 1 – 2 hours to release air bubbles from the substrate, a thin coat of plaster with thickness of 1 mm for final finishing.
- A European smoothing spatula with blade length of 300 – 600 mm is used for levelling and smoothing of thin plaster, and forming a smooth, flat and free of blemishes surface.
- Plastered surface for painting or for wallpaper should be smoothed by spatula. For better quality of paint work, it is recommended to wait for at least 3 days to reduce the alkalinity before painting.
- Please refer to our method statement for procedures in details.

Curing

- Water mists is preferred but not always necessary for interior application. However, water mist is required under the extreme hot or dry weather condition.

Please refer to Material Safety Data Sheet (MSDS) for health, safety and handling of the product.



* Note: The information and physical data in this catalogue is given to the best of our knowledge under standard testing method and controlled environment. The results may vary with different weather / site conditions, workmanship or substrates. This is beyond our control that we shall not be liable for any faults or consequences arising or associated with this. We suggest comprehensive tests to be conducted before final application. Unless specified, all technical data are average values with curing time of 28 days. We reserve the right to update or amend the contents in the light of new findings during the course of research and development.