



Weberdry Crystalline

Crystallization waterproofing
mortar

Waterproofing

PRODUCT

Weberdry Crystalline is a mono-component crystalline waterproofing product composed of special cement, proprietary blends of chemicals, and selected sands. When mixed with water and applied, it penetrates concrete or concrete masonry and reacts with cement hydration by-products in the presence of water to form insoluble crystals. These crystals block capillaries and micro-cracks, creating a dense, impervious waterproof substrate

SCOPE OF USE

- Basement walls and slabs
- Water tanks and reservoirs
- Foundations and retaining walls
- Tunnels and sewage treatment plants
- Concrete block masonry and cast-in-place concrete

ADVANTAGES

- Deep capillary waterproofing protection
- Permanent sealing against water ingress
- Reactivates in presence of moisture
- Easy to apply with brush or spray
- Suitable for positive and negative water pressure
- Non-toxic, suitable for potable water tanks
- Withstands hydrostatic pressure

APPLICABLE STANDARDS

EN 1504-2, BS EN 998-1

TECHNICAL SPECIFICATIONS

Appearance

White powder

Mixing Ratio

260–300 ml per 1 kg

Mixing Ratio to cement

1 kg per 1 bag of cement

Coverage

0.8 – 1.2 kg/m² per coat

Capillary Water Penetration

Reduced by over 70%

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

- Surface must be clean, sound, and saturated with water but free of standing water.
- Remove dust, oil, laitance, and previous coatings.
- Repair visible cracks, honeycombs, and surface defects.
- For masonry, ensure thorough pre-wetting before applying **Weberdry Crystalline**

RECOMMENDATIONS FOR USE

- Use clean, potable water for mixing.
- Apply only on wet surfaces (SSD - Saturated Surface Dry).
- Stir mixture regularly during application.
- Apply two coats in perpendicular directions for maximum effect.
- Protect freshly applied areas from rain or wind during early curing.
- Do not apply if temperature is below 5°C or above 35°C

PRODUCT APPLICATION

- Mix 1 kg with 260-300 ml of water to form a smooth slurry or 1 kg with 1 bag of cement
- Apply on SSD (damp, not wet) concrete surface.
- Use a brush or spray to apply two coats, 6 hours apart, in cross directions.
- Coverage: 0.8-1.2 kg/m² per coat.
- Protect for 24-48 hrs from sun, wind, and rain. Mist lightly in hot areas.

PRECAUTIONS

- Wear gloves, goggles, and a mask during mixing and application to avoid skin or eye irritation and dust inhalation.
- Do not apply on dry or water-logged surfaces; surface must be damp (SSD).
- Mix only what you can use within 30-40 minutes. Do not add water after it starts setting.
- Not suitable for movement cracks or expansion joints. Use flexible systems for those areas.
- Store in a dry place and keep out of reach of children.
- Do not dispose of product in drains or water bodies. Follow local environmental guidelines.
- Always refer to the Safety Data Sheet (SDS) before use for full handling instructions

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.

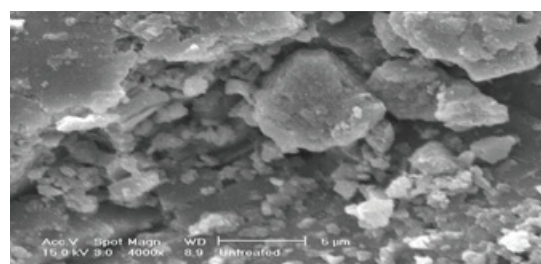
NOTE

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.

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Untreated



Treated 28 Days

