



weberdry crystallize hybrid

weberdry crystallize hybrid is crystalline cementitious based waterproofing with hybrid properties for waterproofing wet areas in both old and new buildings. This product is suitable to improve and/or solve water permeability problems on existing buildings where there is no/ineffective waterproofing membrane.

waterproofing products as it has high waterproofing efficiency even in conditions where crystallization has yet occurred (immediate waterproofing after cured) and continue to crystallize to fill in capillaries and pores. This product can use with negative pressure, positive pressure and also portable water.

- Packaging: 5 kg/bucket, 20kg/bag
- Color: Grey (cement color)
- Coverage: Average 2.5m²/5kg (bucket)
Average 10.0m²/20kg (bag)

● APPLICATION

The product is used to improve waterproofing in buildings, swimming pools, bathrooms, flat roofs, water tanks, drinking water tanks, basements, underground areas, lift pits and other places where the waterproofing membrane is ineffective.

● SHELF LIFE AND STORAGE

One year from the date of manufacture when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions once opened.



weberdry crystallize hybrid

Crystalline cementitious based waterproofing with hybrid technology. Deep penetration into the pores of concrete for waterproofing and increasing concrete strength within 1 day applied.



Easy application



Chemical resistance



Applicable to old concrete
Increase concrete strength



Fast crystallization
reaction

TECHNICAL SPECIFICATIONS

PROPERTY	RESULT	TEST METHOD
Adhesion strength after 28 days	1.18 N/mm ²	ASTM D7234-12
Initial adhesion strength	0.96 N/mm ²	BS EN 14891 : 2012
Adhesion strength after contact with chlorinated water	0.60 N/mm ²	BS EN 14891 : 2012
Adhesion strength after contact with hard water	0.76 N/mm ²	BS EN 14891 : 2012
Depth of water penetration after 72 hours	11 mm	BS EN 12390-8 : 2009

SURFACE PREPARATION

NEW CONCRETE SUBSTRATE:

1. Substrate should be sound, level, clean without any oil and dirt.
2. Check for any pores and cracks and repair using mortar Weberep. For mortar screed of 1cm thickness, the substrate should be left to fully cured for 7 days before applying the Weberdry Crystallize hybrid.
3. Dampen the substrate with water before applying weberdry crystallize hybrid.

OLD CONCRETE OR WATERPROOFING REPAIR

1. Clean the surface and remove any paint coats before application. For application on existing waterproofing membrane, ensure the adhesive strength is greater than 0.5 N/m.m.2 or remove the existing waterproofing membrane.
2. Repair pores and cracks using weberep before applying weberdry crystallize hybrid
3. For dry substrate, dampen the substrate with water until reaching its saturated point before applying weberdry crystallize hybrid.

MIXING

APPLICATION BY BRUSH

1. Mix the weberdry crystallize hybrid with water at a ratio of 8.0:2.
2. Use a slow-speed electric mixer to mix or gradually mix by hand until obtaining a homogeneous, lump-free paste.
3. Leave for 3-4 minutes for chemical stability before using.

APPLICATION BY TROWEL

1. Mix the weberdry crystallize hybrid with water at a ratio of 7:2.
2. Use a slow-speed electric mixer to mix or gradually mix by hand until obtaining a homogeneous lump-free paste.
3. Leave for 3-4 minutes for chemical stability before using.

APPLICATION

APPLICATION BY BRUSH

1. Use appropriate brush to thoroughly apply weberdry crystallize hybrid on the area at the consumption of ~2 kg/m². Make sure to cover all surface areas to be waterproofed.
2. Leave the substrate for 15-60 minutes to reach a tacky condition; the duration depends on weather conditions
3. Dampen the substrate again and apply the second coat counter cross to the first application at the consumption of 1-2kg/m². Total thickness should be 2-3mm. (If the recommended thickness cannot be obtained, plaster the surface with mortar first, and then use a brush to ensure suitable roughness and bubble-free surface)
4. For the optimal crystallization, the treated area should be kept moist for 7 days.

APPLICATION BY TROWEL

1. Apply the first coat as a scratch coat to cover pinholes in the substrate.
2. Leave the substrate to dry and check by touching it (dry if there is no stickiness).
3. Dampen the substrate again and apply the second coat counter cross to the first application to reach a minimum thickness of 2mm
4. For optimal setting, the treated area should be kept moist for 7 days.

DRY SHAKE:

Dry shake on moist, primed, and clean concrete immediately after pouring fresh concrete or dry shake two layers perpendicular to each other at the consumption of 1.5-2kg/m².

Disclaimer:

The information related to Weber products is provided and recommended based on our knowledge and experience under properly storage, testing and use conditions. In actual application, due to differences in materials, aggregates and actual site conditions, we cannot guarantee any particular purposes of the product, or any liability for the information, recommendations or advices from our part. Users need to consult the latest documentation provided as well as check the suitability of the product for the desired application purpose.