

CRYST DRY-SHAKE[®]

Article-No.: 09200

DRY-SHAKE FOR HORIZONTAL SURFACE BY BY CRYSTALLIZATION TECHNOLOGY

DESCRIPTION

CRYST DRY-SHAKE[®] is a crystalline waterproofing dry-shake, specifically designed for treatments on horizontal concrete surfaces of freshly laid concrete such as parking decks and floor slabs that require increased impact and abrasion resistance.

CRYST DRY-SHAKE[®] becomes an integral part of concrete through a crystallization process, which waterproofs and protects concrete in-depth, addressing the problems that are typically connected with coatings such as scaling, dusting, flaking, and delamination. When CRYST DRY-SHAKE[®] is applied to the concrete surface the active materials react with water and the cement to form nanocrystals. These crystals fill the pores and cracks in the concrete to block any ingress of water (even under pressure).

FEATURE AND BENEFITS

- Environmentally friendly.
- Improves durability of concrete.
- Effective against extreme hydrostatic pressure.
- Protects against water, chloride, sulfate ingress, and chemical attack.
- Becomes an integral permanent waterproofing.
- Active crystallization to seal cracks up to 0.5mm wide.
- Reduces construction scheduling time.
- Allows concrete to breathe.
- Protects against concrete carbonation.
- Non-toxic – ideal for potable water tanks.
- Can be used in food processing plants
- No VOCs.

FIELD OF APPLICATION

Uses for all types of waterproofing and concrete corrosion protection in:

- Traffic Bearing Surfaces.
- Warehouse Floors.
- Power stations
- Foundation Slabs.
- Below-grade Structures.
- Parking Structures.

MATERIAL PROPERTIES

Form:	powder
Apperance:	grey
Bulk Density:	0.97 ± 1.11 kg/l
Application temperature:	+8°C up to +40°C

DIRECTION FOR USE

Application:

After fresh concrete is casted, consolidated, and leveled, need to wait until concrete can be walked. Immediately apply CRYST DRY-SHAKE[®] material by hand or mechanical spreader. The dry-shake material must be spread evenly.

As soon as the dry-shake material has absorbed moisture from the base slab, it should be power floated to the surface. When concrete has hardened sufficiently, power trowel surface to the required finish.

Application rates: The coverage rate of CRYST DRY-SHAKE® is 1- 1.25 kg/m²

NOTE:

- For more detailed instructions, or information concerning the compatibility of the CRYSTARM® application contact the CRYSTARM® Technical Department or your local CRYSTARM® representative.

PACKAGING

CRYST DRY-SHAKE® is available in 20 kg bags or pails.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

STORAGE & SHELF LIFE

Keep CRYSTARM products must be stored dry and at a temperature of no less than 45°F (7°C). one year is the maximum shelf life when stored under proper conditions in original unopened packaging.

SAFETY HANDLING

CRYST DRY-SHAKE® is made of Portland cement and silica sand may irritate your eyes and skin. Take adequate precautions, such as wearing protective gloves and using breathing apparatus if applied in enclosed environments. If contact is made, flush areas with lots of water. For further information please refer to Safety Data Sheet. KEEP OUT OF REACH OF CHILDREN.

CRYSTARM®

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WARRANTY: The Manufacturer warrants that the products manufactured by it conform to the formulation standards contained in all components in their proper proportion and are free from material defects. If any of the products are found to be defective the subsequent liability to The Manufacturer shall be limited only to the replacement of the product proven to be defective and shall not be liable for any other claim or for incidental or any consequential damages that may arise directly or indirectly with the said defective product. The user shall determine the suitability of the product for its intended use and the user assumes all liability in connection therein and the manufacturer shall not be liable save for terms of this warranty.