

CRYST STOPEX[®]

Article-No.: 07400

WATER STOP SET WITHIN SECONDS

DESCRIPTION

CRYST STOPEX[®] is a cementitious mortar water stop, that reacts within seconds after contact with water and set. It is mineral-based and catalytically accelerated. It contains special additives that cause the highly reactive process within seconds. CRYST STOPEX[®] can be used internally or externally as immediate sealing of water ingress in concrete and masonry. The STOPEX mortar adheres to almost all untreated, wet mineral substrates.

FEATURE AND BENEFITS

- Very fast setting after contact with water in approximately 30 seconds.
- Resist hydrostatic pressure from either the positive or negative surface of the concrete.
- Will set up and harden under water.
- Permeant watertight.
- Open for water vapor diffusion.
- Non-toxic - ideal for potable water.
- No VOCs.
- Non-shrink, crack resistant.
- A single component that is easy to use – needs only to be mixed with water prior to application.

FIELD OF APPLICATION

Typical areas of application are water leaks in swimming pools, water tanks, tunnels, basements, underground car parks, sewage plants, elevator shafts, dams, and wherever flowing water must be stopped immediately.

MATERIAL PROPERTIES

Form:	powder
Appearance:	grey
Bulk Density:	approx. 1.4 g/cm ³
Application temperature:	+8°C up to +40°C

TECHNICAL DATA

Processing time:	approx. 30 seconds
Hardening time	approx. 30 seconds
Consumption:	approx. 2 kg/l

DIRECTION FOR USE

Surface preparation:

The surface must be clean, sound, and free from adhesion inhibiting substances, such as oils, coatings, paints, dirt, etc. To improve anchoring CRYST STOPEX[®] to leaking areas must be cut back to sound material, leaving an appropriate chase for receiving CRYST STOPEX[®]. Additionally the surface must be wet, if necessary, the surface has to be opened at least with 3 CM depth and rinsed with water.

Application:

CRYST STOPEX[®] can be immediately without adding of water and is processed dry directly from the package. Press approximately one hand full into the water leakage until the water stop flowing within (6 – 20 seconds). The reaction time depends on the water temperature. For the processing it is necessary to wear smooth rubber gloves.

After sealing of the water leakage, we recommend a fully sealing of the entire area. For that sealing the CRYST SLURRY can be used (please notify the technical datasheet). Not already cured material can be removed with scraper or trowel. Cured residues removed mechanically.

RECOMMENDED TOOLS

Trowel, Spatula, Gloves, and Safety glasses.

PACKAGING

CRYST STOPEX® is available in 15 Kg 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 STOPEX® 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®

Drescherstraße 53,
D-71277 Rutesheim, GERMANY
TEL +49 (0) 7152 300 330
FAX +49 (0) 7152 300 355
email info@crystarm.com
www.crystarm.com



CRYSTARM®
Drescherstraße 53, D-71277 Rutesheim
EN 1504-3
CRYST STOPEX
for structural and non-structural concrete repair
mortar
EN 934-2:T9

Compressive strength	Class R1
Chloride ion content	≤0,05%
Adhesive bond:	NPD
Restrained shrinkage/expansion	NPD
Elastic modulus:	NPD
Carbonation resistance	NPD
Thermal compatibility	NPD
Reaction to fire:	NPD
Release of dangerous substances	NPD

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.