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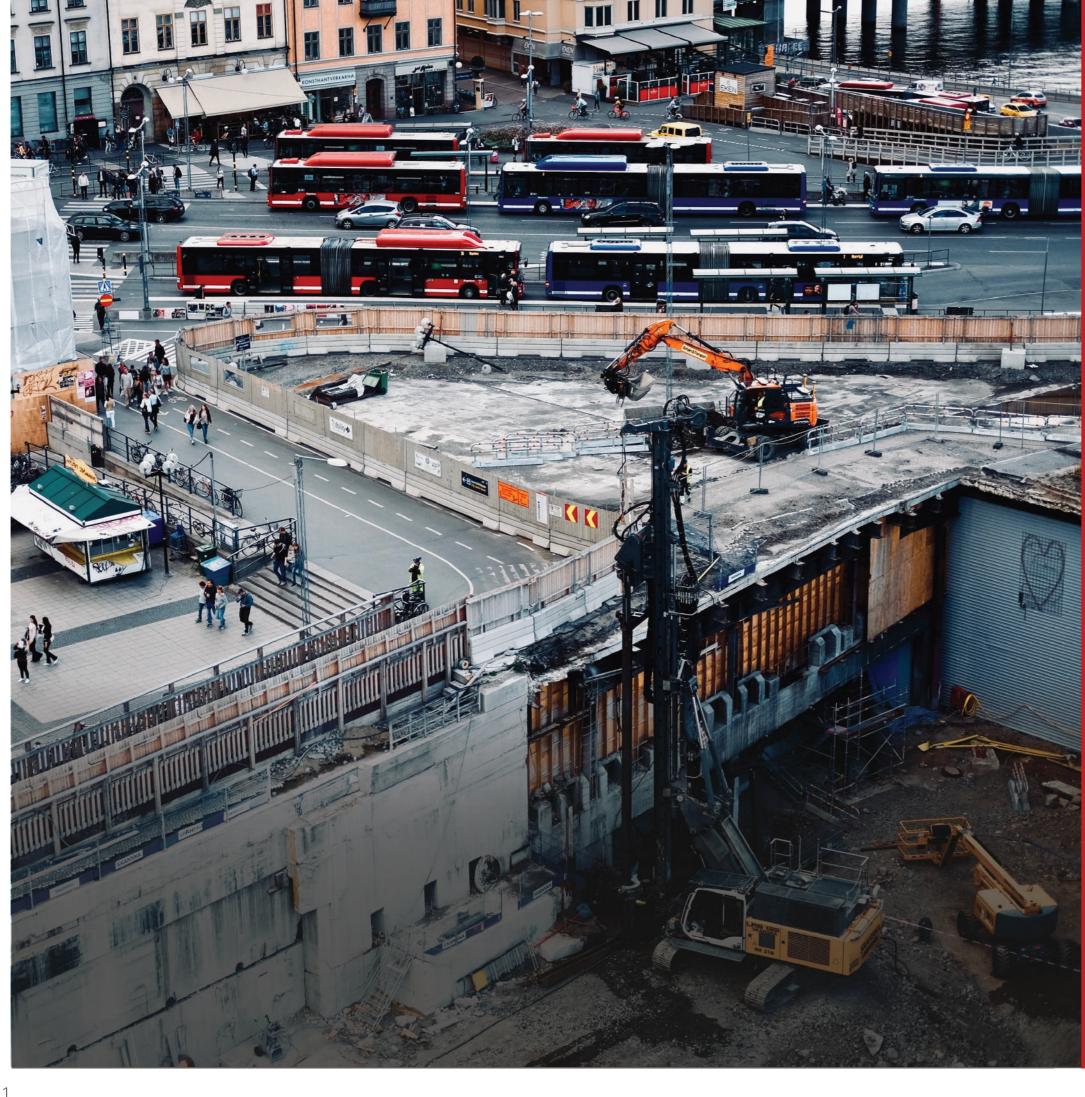


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CRYSTARM REPAIR®



WATERPROOFING MORTAR BY CRYSTALLIZATION TECHNOLOGY.

CRYST MORTAR®



CRYST MORTAR® is a high-strength concrete replacement mortar that is impermeable to pressurized water by crystalline waterproofing technology which is used to repair damaged areas of concrete, cracks, joints, tie holes, and honeycombed areas. CRYST MORTAR® contains active materials to protect concrete against water, chloride, sulfate ingress, and any other chemical attack.

APPLICATION

Used for repairing concrete structures, cracks, construction joints, tie holes, honeycombed concrete, large-scale repairs, masonry repairs, voids greater than 100 mm deep, and other defects in concrete.

FEATURE AND BENEFITS

- Fast setting.
- Ready mix dry mortar.
- Environmentally friendly.
- Resistance to chemical attack.
- Non-shrink and crack resistant.
- Non-toxic ideal for potable water.
- Can be skim coated or feather-edged.
- High-strength fine structure repair mortar. • Breathable, compatible with host concrete.
- Protects reinforcing steel against corrosion.
- Suitable for internal and external applications. • Ideal for vertical and overhead concrete repairs.
- Active crystallization to seal cracks up to 0.5mm wide.
- Resist hydrostatic pressure from either positive or negative surface of the concrete.
- A single component that is easy to use needs only to be mixed with water before application.

PACKAGING

CRYST MORTAR® is available in 20 kg bags or pails.

CRYST GROUT®





CRYST GROUT® is crystalline waterproofing grout, ready-to-use, non-shrinkable, free-flowing, non-metallic, chloride-free, and high strength for grouting and anchoring applications. As well as it is effective at various consistencies from extremely fluid to dry pack by simply adjusting the quantity of mixing water, and need not be confined in order to develop full strength.

FEATURE AND BENEFITS

- Fast setting.
- Environmentally friendly.
- Resistance to chemical attack.
- Non-toxic ideal for potable water tanks.
- High bond strength to steel and concrete.
- Protects reinforcing steel against corrosion.
- Flowable consistency ensures complete filling.
- Non-shrink crack-resistant Hardens free of bleeding.
- High strength provides good early and ultimate strengths.
- A single component that is easy to use needs only to be mixed with water prior to application.
- Resist hydrostatic pressure from either the positive or negative surface of the concrete.
- Active crystallization to seal cracks up to 0.5mm wide, even if they appear after the setting of concrete.

APPLICATION

- Pile head treatment.
- Bridge bearing applications.
- Use for general purpose grouting.
- Structural grouting of beams and columns.
- Filling cavities, voids, big gaps and recesses.
- Factories, refineries, chemical industries, etc.
- Heavy machinery or equipment setting bases.
- Repairing track and runway concrete payements.
- Installation of manhole frames and Precast wall panels. • Non-shrink repairs and protection from corrosion effect.
- Screws, connection bolts anchoring, and anchoring of signposts.

CRYST GROUT® is available in 20 kg bags or pails.

CRYST PLUG®



CRYST PLUG® is a fast-setting cementitious mortar containing crystalline technology and special additives, which is designed to stop active water leaks in seconds. CRYST PLUG® can be used internally or externally as plugging leaks or rapid setting repair mortar with a high early compressive strength to

prevent water ingress into buildings or concrete structures such as tunnels, tanks, shafts, manholes, and similar.

FEATURE AND BENEFITS

- No VOCs.
- Environmentally friendly.
- Non-toxic ideal for potable water.
- Will set up and harden underwater.
- Provides a permanent watertight seal.Fast setting within approximately 60 seconds.
- Ability to seal hairline cracks up to 0.5mm wide.
- Resist hydrostatic pressure from either the positive or negative surface of the concrete.
- A single component that is easy to use needs only to be mixed with water prior to application.

APPLICATION

- Repair the rock pockets leaks.
- Provides impervious, non-shrinking seal to prevent leakage around pipes, conduits, sanitary equipment, and anchoring of bolts
- Used to stop active water leaks or seepage under pressure through holes, joints, tie rods, cracks in concrete or masonry walls, swimming pools, water storage facilities, tunnels, fountains, cisterns, water channels, ponds, pipes, basements, foundations, retaining walls and any defects in concrete.

CRYST PLUG® is available in 15 kg bags or pails.



CRYST SEAL®

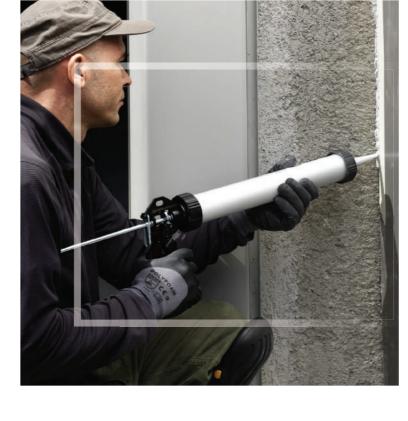


CRYST SEAL® is One Component joint sealant/adhesive based on polyurethane moisture curing, elastic sealing compound, Anti-bacterial, High movement, medium modulus, low VOC, UV resistant, heavy rain resistant, high performance, Joint paintable and trafficable Sealant. CRYST SEAL® suitable for movement and connection joints for indoor and outdoor applications. CRYST SEAL® design for

weather-resistant sealant with versatile usage both as a sealant and a general adhesive in the construction industry for various substrates, including concrete, steel, wood, and many others.

FEATURE AND BENEFITS

- Non-sag and non-staining.
- High mechanical performance.
- Easy application using a caulking gun.
- Excellent movement accommodation.
- No crack or craze under UV exposure.
- Excellent adhesion to the most substrate.
- High bond strength to steel and concrete.
- Ideal to be sealant and adhesive at same time. • Permanente elasticity under all climate conditions.
- When cured it forms a waterproof and durables seal.
- Good chemical resistance as diluted acids and alkalis. • Weather-resistant, suitable for external & internal applications.
- It does not require a primer and exhibits tenacious adhesion to most building materials.
- Paintable with non-solvent or water-based paints after curing in static joints (i.e., around door perimeters).



APPLICATION

- Perimeter caulking windows, doors, and panels.
- Sealing precast and panel walls joints / expansion joints.
- Sealing dynamically moving joints such as expansion and control
- General elastic adhesive for materials with dissimilar properties and thermal expansion coefficients.
- Movement and static joint sealing in most building material including concrete, glass, wood, stone, metal, and anodized aluminum.

CRYST SEAL® is available in 600 ml sausages.

CRYST STOPEX®



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 is contained 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

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

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.

CRYST STOPEX® is available in 15 Kg pails.

CRYST BOND®



CRYST BOND® is a high solid aqueous dispersion of styrene acrylic Co-Polymer

in liquid form. The dispersion contains an anionic emulsifier system & is free from film forming aids, APEO, solvents, and plasticizers. CRYST BOND® specially designed for universal use such as a high strength admixture, curing agent, and bonding agent for cement mortar and concrete. It provides excellent resistance to impact, abrasion, hydrolysis, moisture and attack by acids or other water-soluble chemicals. As a polymer modifier, it provides improved cement hydration and bonding properties that allow for applications as thin as a feather edge. When used as a bonding slurry, the bond strength is retained even in damp exterior conditions. It can be used for bonding fresh mortar or concrete to existing concrete or other sound substrates, such as brick or block, in nonstructural applications.



FEATURE AND BENEFITS

- High solid content.
- Corrosion inhibiting.
- It is free of fillers and polyvinyl acetate.
- Minimizes cracking and Resists moisture.
- Suitable for use on damp and dry concrete.
- Single component liquid can be easily used.
- Ideal use for internal and external application.
- Multipurpose polymer for waterproofing and repair.
- Improved tensile and flexural properties allow thin applications.
- Improves strength, cohesion, workability, and bond to concrete, masonry, stonework, plaster, and cement boards.
- Improves mortars to provide waterproof repairs, renders and toppings which are highly resistant to freeze/thaw cycling.

APPLICATION

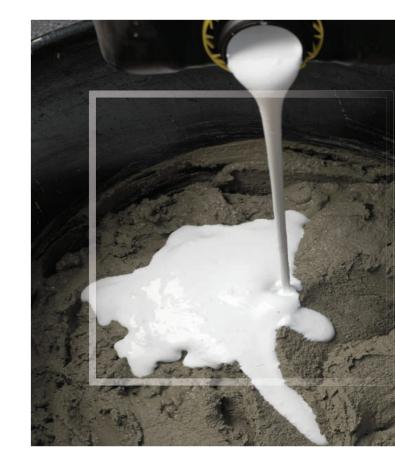
Suitable for use on all interior and exterior applications and to improving the physical properties of cementitious mix.

Typical uses include, but are not limited to, the following:

- Admixture for cement sand mixes.
- Primer for porous or non-porous substrates.
- Curing membrane, ready to receive further cementitious renders by re-priming.
- As two-components for Waterproof renders and cementitious waterproofing membranes it lead to make the slurry flexible.
- Bonding agent between multiple lifts of self-leveling, screeds, concrete, slip bricks, ceramic tiles, plasters, renders, cementitious repair materials, and fair-faced concrete.

PACKAGING

CRYST BOND® is available in 5 litter, or 20 liter container





FEATURE AND BENEFITS

- Highly durable.
- Moisture resistant.
- Rapid high strength gain.
- Environmentally friendly.
- Crack and shrink resistant. • Excellent bonding strength.
- Reduced sound transmission.
- Ready to use with addition of water.
- Ready for limited foot traffic in four hours.
- Easy to place by pump or manual application.
- Highly fluid for pumped or poured application.
- Contains zero volatile organic content and is safe for use both outdoors and in confined indoor spaces.

APPLICATION

CRYST SELF-LEVELING® can be used internally as screed on concrete for existing floors or under the tiles, carpets, resinous flooring systems, parquet, or other types of floors laying.

- Showrooms.
- Public utilities.
- Rain-damaged slabs.
- Parking garage floors. • Convention hall floors.
- Distressed and worn concrete floors.
- Distribution centers and warehouses. • Floors are designed to meet a specific flatness.
- Aisleways, manufacturing, storage, and shipping.

PACKAGING

CRYST SELF-LEVELING® is available in 20 kg bags or pails.

CRYST SELF-LIVILING PLUS®



CRYST SELF-LEVELING PLUS® is a high-strength, single component, fast setting, polymer modified cementitious floor self-leveling and repair mix for interior concrete, and cementitious substrates. CRYST SELF-LEVELING PLUS® specially design for thickness more than 2 cm up to 10 cm. Once mixed, it will form a trawlable screed mortar,

with easy application, and good adhesion to the substrates. CRYST SELF-LEVELING PLUS® provides a smooth, level surface finish ready to receive a variety of floor coverings.

FEATURE AND BENEFITS

- Good workability.
- Moisture resistant.
- Environmentally friendly.
- Crack and shrink resistant.
- High compressive strength.
- Reduced sound transmission. • Ready to use with addition of water.
- Excellent bonding strength to the substrate.
- Excellent physical and mechanical properties.
- Safe for use both outdoors and in confined indoor spaces.
- Easy application enabling high productivity & superior finishing.

APPLICATION

- Public utilities.
- Industrials floor slabs.
- Parking garage floors.
- Distressed and worn concrete floors.
- Distribution centers and warehouses.
- Showrooms and convention hall floors.
- Floors designed to meet a specific flatness.
- Aisleways, manufacturing, storage and shipping. • Screeding over hollow-core pre-cast concrete slabs.
- Leveling floors and slabs to slope to ensure proper flow to drains.



PACKAGING

CRYST SELF-LEVELING PLUS® is available in 20 kg bags or pails.

HEAVY-DUTY TILE ADHESIVE FOR INDOOR AND OUTDOOR APPLICATIONS.





CRYST ADHESIVE TILE HD®



CRYST TILE ADHESIVE HD® is a waterproofing ready-to-use, high-performance, and heavy-duty tile adhesive for permanent fixing inside and outside buildings with superior vertical anti-slip. CRYST TILE ADHESIVE HD® is highly-deformable and has excellent flexibility for marble, porcelain, ceramic tiles, and stone material on wall and floor tiles. is designed to be applied on a variety of substrates such

as concrete, render, brickwork, blockwork, gyprock, plasterboard, and fiber cement surfaces. CRYST TILE ADHESIVE HD® is ideally suited for tiles in swimming pools and wet areas such as showers, bathrooms, kitchens, etc.

APPLICATION

- For indoor and outdoor use.
- Roofs, stairs, rooms, balconies, terraces, parking, paboratories, hospitals, and heated floors, canteens, etc.
- Suitable for critical applications such as swimming pools, wet areas, cold storage depots, modular manufacture, showers, bathrooms and domestic kitchens.

FEATURE AND BENEFITS

- Excellent flexibility.
- Extended open time.
- Environmentally friendly.
- Inside and outside building.
- Good vertical Slip application.
- Easy to use that just add water on site.
- Water resistant and exceptional performance.
- All common substrates and tile-on-tile applications.
- High adhesive bond strength that suitable for larger and heavy tiles
- All types of tiles: Marble, porcelain, ceramic, stone, granite and tiling corridors.
- Suitable to fix tiles on various substrates including low porosity substrates such as: Heated floors, Existing tiles, power floated concrete, Concrete, screed, Lightweight blocks, stone, walls, cementitious plaster. and renders, gypsum board.

PACKAGING

CRYST TILE ADHESIVE HD® is available in 20 kg bags.

CRYST ADHESIVE HD®



CRYST ADHESIVE HD® is a one-component, high-grade adhesive and sealant that instantly bonds, fixes, and seals a wide variety of heavy building materials inside and outside buildings. It is weather and aging-resistant, waterproof, Eco-friendly, Solvent-free, water-based, Over-paintable, and low shrinkage.

APPLICATION

- Filling and connecting joints between tiles, ceramic, porcelain, and sanitary ware.
- Sealing and bonding of multiple absorbent and non-absorbent substrates compatible including natural stone, ceramic, concrete, metal, hardboard, plasterboard, plywood, MDF, wood, UPVC, glass, plastics, painted surfaces, Mirrors etc.

FEATURE AND BENEFITS

- Interior and exterior application.
- Heavy-Duty adhesive and high initial tack.
- Wet area Sealant and Works on wet surfaces.
- Anti-bacterial and anti-fungal for sanitary ware.
- Excellent primerless adhesion to numerous porous and nonporous substrates.
- Flexible bonding, fast curing, gap-bridging, sound and vibration damping, correctable for a few minutes, and Moisture-reactive curing.

PACKAGING

CRYST ADHESIVE HD® is available in 300 ml cartridge.

HEAVY DUTY ADHESIVE & SEALANT

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