

# MEMBERANE SYSTEM

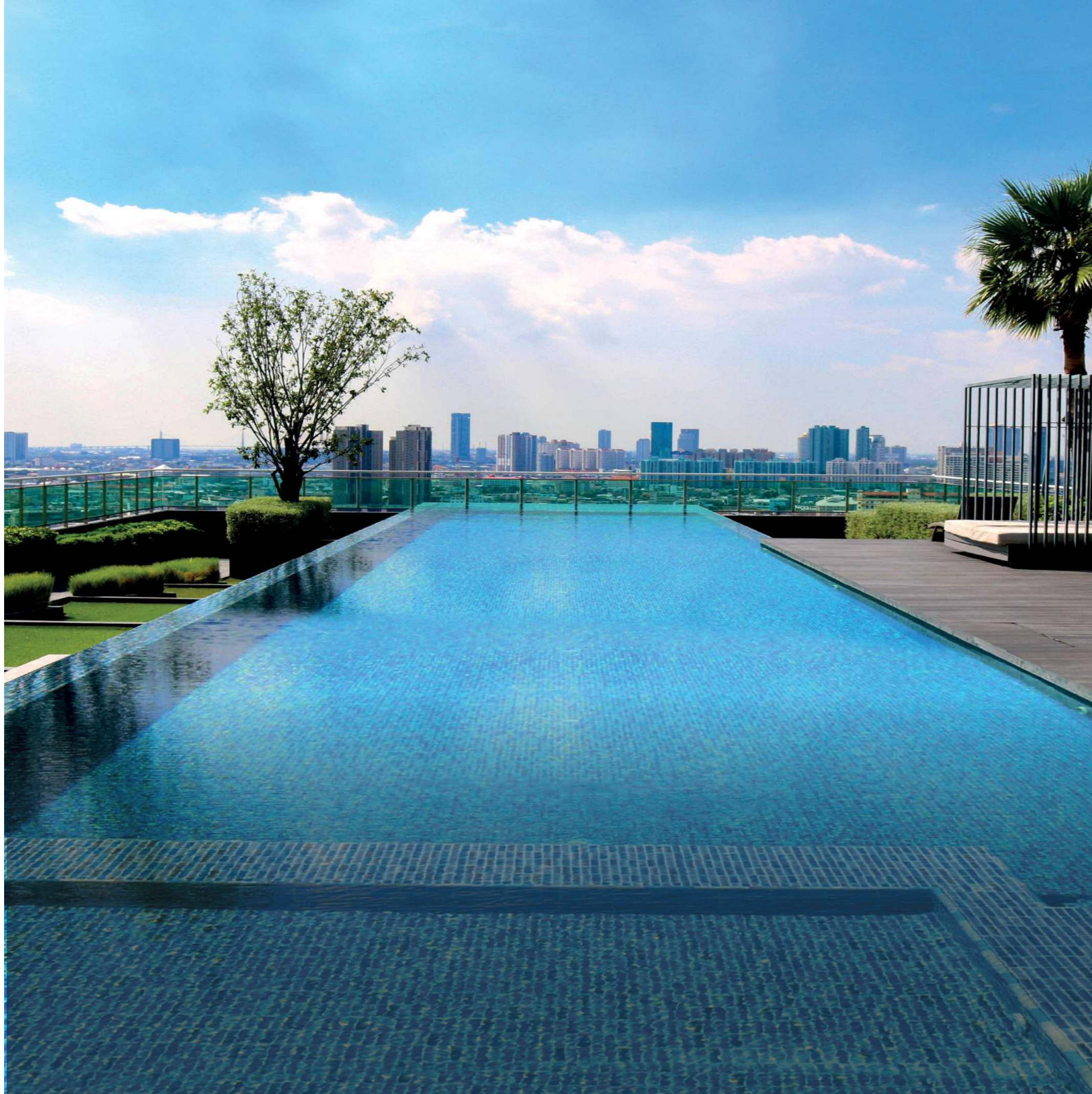
WATERPROOFING MEMBERANE TECHNOLOGY

# SMART WATERPROOFING SYSTEM

**CRYSTARM**  
SMART WATERPROOFING SYSTEM

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CRYSTARM WATERPROOFING MEMBERANE®

## CRYST FLEX®



CRYST FLEX® is a one-component, elastic, sealing slurry with a very high special polymers content. CRYST FLEX® is used for permanently secure exterior waterproofing of buildings against pressurized water. CRYST FLEX® is ideal for waterproofing all load-bearing and mineral substrates with sufficient strength.



### FEATURE AND BENEFITS

- Resistant to UV rays.
- Non-toxic.
- Environmentally friendly.
- Very good crack-bridging ability.
- Excellent abrasion resistance and mechanical.
- High durability to long term weathering effect.
- Interior and exterior use, above or below grade.
- Adjustable consistency, easy to apply by brush or trowel.
- One-component product, only water needs to trowel.
- Effective against extreme hydrostatic pressure from either positive or negative surface of the concrete.
- High adhesion on many substrates including concrete, cement mortars, stone, masonry properties.
- CRYST FLEX® also design to be cementitious binders which has excellent bonding properties to all concrete, masonry, ceramic and marble surfaces.



### APPLICATION

- Marine structures.
- Before the application of ceramic tiles bonded with adhesives.
- Bathrooms, showers, terraces, balconies, swimming pools.
- Water containment: water tanks, Water towers of walls and floors in basements.
- Inside waterproofing of negative water pressure and storage tanks.
- Below grade: basements, elevator pits, parking structures and foundations of high-rise towers.

### PACKAGING

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



## CRYST ELASTIC®



CRYST ELASTIC® is a two-component, hydro active, highly elastic, cement and rubber-based sealing coat. CRYST ELASTIC® consists of a cementitious powder component (component A) and low viscous rubber dispersion (component B). These two components chemically react when mixed to produce a

firm, yet still highly flexible coating that can be simply applied by stiff brush, roller, spray or trowel to obtain the desired texture.

### FEATURE AND BENEFITS

- Environmentally friendly
- Interior and exterior use.
- Allow the substrate to breath.
- Effective against hydrostatic pressure.
- Highly elastic with good crack bridging ability.
- Excellent abrasion resistance and mechanical.
- Ideal for waterproofing above or below grade.
- High durability to long-term weathering effect.
- Non-flammable and non-toxic – ideal for potable water tanks.
- CRYST ELASTIC® also design to be cementitious binders for tile, ceramic, and marble.
- High adhesion properties on many substrates including concrete, cement mortars, stone, and masonry.

### APPLICATION

Uses for all types of waterproofing coating is required or desired (Block – Brick – Stone – Concrete – Mortars) :

- Marine structures.
- Exterior area: roofs, terraces, and balconies.
- Swimming pools, saunas, jacuzzis, and pump rooms.
- Before the application of tiles bonded with adhesives.
- Wet area: bathrooms, shower, kitchens, and laundries.
- Water containment: water tanks, Water towers and storage tanks.
- Exterior basement walls, plinths, foundations, floor slabs as a horizontal barrier, under masonry, under tiles.
- Concrete surfaces of walls and rafts or slabs to earth-retained structures such as habitable basements, car parks, plant rooms, Bridges, and lift pits.

### PACKAGING

CRYST ELASTIC® is available in :  
Component A: 20 kg bags or pails.  
Component B: 8 kg Pails.





## WATERPROOFING ELASTOMERIC TOP COAT.

### CRYST TOP COAT®



CRYST TOP COAT® is a single component, elastomeric roof coating, water-based acrylic membrane in a white appearance that helps to reflect both sun rays and heat from the roofs and act as a waterproofing and heat insulator in a time. The high bonding and reflectivity combined with good weatherability, ultraviolet resistance, adhesion, and ease of application make CRYST TOP COAT®

an effective coating for providing long-term reflectivity over a wide range of roofing substrates such as concrete, cement screeds, and tin sheets.

#### APPLICATION

- Decorative overlay and over existing terrazzo tiles.
- Waterproofing of corrugated sheets and sloped roofs.
- Uses for all types of waterproofing and protective coating for roofs, terraces, and balconies.
- Waterproofing and protective coating for most building substrates such as concrete, cement screeds, brick, plastering, tiles, zinc, PU foam, and steel.

#### FEATURE AND BENEFITS

- Very good elastic properties.
- Self priming, non-toxic, and non flammable.
- High durability to long term weathering effect.
- Suitable to be coated over leaking finished roofs.
- Ideal for waterproofing, UV stable, and external conditions resistant.
- Helps save energy costs by reflecting sun rays and heat away from the building.
- High adhesion on many substrates including concrete, cement mortars, and screeds properties.

#### PACKAGING

CRYST TOP COAT® is available in 20 kg pail.

### CRYST ROOF®



CRYST ROOF® is a one-component, elastic, sealing coating with a very high special polymers content. CRYST ROOF® is used for permanently secure roof waterproofing of buildings. CRYST ROOF® is ideal for waterproofing all load-bearing and mineral substrates. CRYST ROOF® is designed to be applied in either the positive or negative side of the concrete surface which stops water penetration and prevents water damage while protecting and beautifying concrete and other surfaces.



#### FEATURE AND BENEFITS

- Environmentally friendly.
- Excellent abrasion resistance and mechanical.
- Excellent resistance to weathering and UV rays.
- High durability to long term weathering effect.
- Interior and exterior use, above or below grade.
- Excellent elongation and crack bridging properties.
- One-component product, only water needs to be added.
- High adhesion on many substrates including concrete, cement mortars, stone, masonry properties.

#### APPLICATION

Uses for all types of waterproofing coating is required or desired (Block – Brick – Stone – Concrete):  
Exposed concrete,  
Marina,  
Roof,  
Terraces,  
Balconies.



#### PACKAGING

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