



CX SUPERCURE AR
ACRYLIC BASED CURRING COMPOUND

Description :

- **CX SUPERCURE AR** is a non-degrading, membrane forming liquid based on specially formulated acrylic resin suitable for curing newly placed or freshly deshuttered concrete; assists in the retention of water during hydration.
- The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development.
- The cured concrete is typically harder and exhibits a dust free surface with a reduced incidence of drying shrinkage cracks.
- Additionally, the membrane acts as a primer system for many subsequent surface finishes that do not rely on penetration for substrate bond. When applied to floors, the **CX SUPERCURE AR** seals and dustproof the surface, eliminating the primary source of abrasion and enhancing durability.
- **CX SUPERCURE AR** is available as a clear translucent liquid and white solar reflective version.

Uses :

- In high-rise construction to eliminate the Requirement for water.
- Surfaces subject to finishing treatments.
- Economical enhancement of concrete flatwork.

Advantage :

- Reduces drying shrinkage
- Reduces the incidence of hairline cracks
- High curing efficiency
- Available in Solar reflective grade
- Non - degrading - no removal required
- Act as primer for protective coatings & bitumen
- Improves moisture retention in concrete
- Prevents rapid water evaporation
- Sealer & dustproofer
- Good abrasion resistance - long protection



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APPLICATION :

Surface Preparation :

NEWLY PLACED CONCRETE:

- Surface must be sound and properly finished. Surface is ready for application of **CX SUPERCURE AR**, when damp, but not wet, and it can no longer be marred by foot traffic.

NEWLY CURED BARE CONCRETE:

- Level any gouges. Remove all dirt, dust, oil, grease, asphalt, and foreign matter. Clean with caustics and detergents as required. Citrus degreaser is excellent for removing oil stains and many curing compounds. Rinse thoroughly and allow to dry. Apply **CX SUPERCURE AR** to damp but not wet surfaces.

AGED CONCRETE :

- Restore surface to soundness by patching, grouting, and filling cracks or holes. Surface must also be free of any dust, dirt, and other foreign matter. Use power tools or strippers to remove any incompatible sealers or coatings. Clean as required, following procedure under "Newly cured bared concrete".

Application :

- Stir **CX SUPERCURE AR** thoroughly before using. Apply a continuous, uniform film by low-pressure spray, short nap roller or brush.
- Application not recommended when surface temperature exceeds 40 C.

Subsequent surface finishes :

- The resin in **CX SUPERCURE AR** ensures that bond is maintained with adhesives used for installing tiles, and other floor coverings. **CX SUPERCURE AR** will act as a primer for paint systems and will enable most surface treatments to progress with minimal delay.
- Typical surface treatments that will bond to surfaces with **CX SUPERCURE AR** are:
 - Water based emulsion paints containing PVA, PVC and acrylic co-polymers
 - Tile adhesives based on the above polymers
 - Bituminous emulsions and solutions.



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- Thin section polymer modified cementitious systems.
- Polyurethane resin system
- Polysulphide systems
- Epoxy resin compositions which do not rely on penetration for substrate bond.

Properties :

Appearance	Clear/white liquid
Specific gravity Clear	0.82 ± 0.01 at 25° C
White	0.855 ± 0.01 at 25° C
Flash point	30 C
Dry film appearance	Dry film appearance
Loss of Water	< 0.55 kg /m ²
Drying time	45 mins at 25oC

Coverage :

- The recommended rate of application is 4-6 square metres per litre. This corresponds to that at which **CX SUPERCURE AR** has been tested, and at which it attains the claimed degree of curing efficiency. In favourable conditions such as shaded interior surfaces, adequate curing can be achieved with extended coverage rates.
- When using **CX SUPERCURE AR** for floor areas where maximum chemical and wear resistance is required, it is recommended that a further coat be applied after 24 hours.
- In place of the above recommendations, the rates of cover stipulated in a specification should at all times be observed.

Packing :

- 50 kg
- 250 kg



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Storage /Shelf Life :

- **CX SUPERCURE AR** must be stored where temperatures do not drop below +5°C. Store under cover, out of direct sunlight and protect from extremes of temperature.
- Shelf life is 12 months when stored as above

Precautions :

- As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried).
- Treat splashes to eyes and skin immediately.
- If accidentally ingested, seek immediate medical attention.
- Keep away from children and animals.
- Reseal containers after use.
- Do not reuse containers for storage of consumable item.