

DESCRIPTION: CURE 'N SEAL is a water based, modified styrene acrylic sealer designed to cure, seal and prime concrete surfaces. CURE 'N SEAL has non-yellowing polymers, which seal in the mixing water present in fresh concrete ensuring the continuous availability of sufficient water for hydration of portland cement and develops compressive and tensile strengths of the concrete.

USES: CURE 'N SEAL is applied to fresh concrete as soon as the workers can apply it without marking the surface and when there is no standing water present. CURE 'N SEAL is suitable for use as a curing and sealing membrane on all types of vertical, horizontal, interior or exterior cementitious surfaces. CURE 'N SEAL provides a tough low gloss film that is resistant to abrasion and common staining materials, prevents adhesion of cementitious droppings and the penetration of most oils and greases. CURE 'N SEAL provides an excellent base for mastic and cutback adhesives used when applying resilient floor tile. CURE 'N SEAL should be used where carpet is to be applied since its sealing effect retards efflorescence, which shortens the life of the carpet.

ADVANTAGES:

Complies with specs ASTM C-309 Type 1, Class A & B
AASHTO-M-148 Type 1, Class A & B
CAN/CGSB 19.17 M-90

- Controls concrete cure for full development.
- Cures, seals, hardens and dustproofs on a single application.
- Protects surfaces during construction.
- Unimpaired by wind and weather.
- Water based (V.O.C. 23.5g/Litre)
- Excellent for indoor and environmentally sensitive areas.
- Non-flammable and odor free.
- Non-yellowing.

PROCEDURES: NEW CONCRETE

Apply a coat of CURE 'N SEAL at the listed rate by brush, short (3/8") nap phenolic compound roller or low pressures sprayer. For best results, apply a second coat to ensure the optimum curing conditions. Allow 4 hours drying time between coats and before opening the area to light traffic. Do not allow heavy traffic until concrete can safely carry the load. Upon completion of construction operations, clean CURE 'N SEAL cured surfaces with either a commercial cleaning compound, detergent, solvent or mild alkali and recoat the surface immediately prior to the building turnover.

OLD CONCRETE

Clean and strip surface to bare concrete. Apply two coats as above.

APPLICATION: Apply with a brush, roller, or sprayer to form a uniform coating without puddles. When using a roller, apply slowly so as to not entrap air beneath Cure 'N Seal. For additional protection or a higher gloss a second coating may be applied after the first coating is thoroughly dry. Drying time is 1-2 hours in normal conditions. Do not apply at temperatures below 4 °C (40 °F) or in direct sunlight. Apply CURE 'N SEAL to a cool surface.

CLEAN - UP: Clean tools and equipment with water. To remove dried material, use Basalite Xylene Cleanup. Clean hands and skin with waterless hand cleaner. Do not use solvents to wash skin.

TECHNICAL DATA: The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

<u>Coverage</u>	m ² / litre	f t ² / US Gallon
Smooth Concrete	5 - 9	200 - 300
Rough Concrete	3 - 5	100 - 200

PROPERTIES

Appearance	Clear liquid
Minimum solids	15%
Drying time	2-3 hours at room temperature (50% humidity)

LIMITATIONS: CURE 'N SEAL should not be used below 4° C. May not be compatible with other sealers and coatings. Do not allow uncured product to freeze. CURE 'N SEAL may affect the bond of joint sealants if applied in the joints.

PACKAGING: CURE 'N SEAL is available in 4.0 litre, 12 litre and 18.93 litre metal containers.

SAFETY PRECAUTIONS: Use CURE 'N SEAL in a properly ventilated area. Wear protective clothing including gloves and a face shield or goggles. If spilled on skin, wash thoroughly with soap and water. Material Safety Data Sheet available upon request.