

FORM SEAL

Curing & Sealing Compound

DESCRIPTION

FORM SEAL is an economical curing and sealing compound formulated from acrylic polymers and quick-evaporating solvents. When applied on freshly placed concrete it forms a clear, uniform moisture retentive film, which simultaneously cures and seals the concrete.

USE

Curing and sealing newly placed concrete in commercial and industrial applications such as floors, sidewalks, service stations, multi-level parking decks and driveways.

FORM SEAL is recommended for exterior use. It provides a durable finish that is more resistant to chemicals, oil, grease, de-icing salts and abrasion.

FEATURES

Retains mix water in concrete to permit complete hydration of the cement paste for hard, dense concrete resistant to staining, abrasion, dusting and spalling. Film remains on concrete surface to permit easy clean up and reduce maintenance costs.

Accepts chlorinated rubber and oil-based paints and most flooring adhesives.

CAUTION

Use only when concrete surfaces are above 5°C (40°F) and only after all surface water sheen has disappeared.

Allow 24 hours before application in very high humidity conditions.

Will temporarily darken concrete, lightens to normal concrete colour in 6 to 12 months.

Keep vapours away from foodstuffs.

Not resistant to aromatic solvents, will not resist spillage of lead free gasoline.

Flammable - keep away from heat and open flame.

Do not use as a substitute sealer where coloured concrete shakes require colour-matched sealers.

PROPERTIES

Moisture Retention	95% or more
Adhesion	Excellent when applied to moisture-free concrete surface
Touch Dry	30 min.

STANDARDS

Conforms to ASTM C 309, Type 1, Class B.

DATA

Coverage

Broomed surface 4.9 m²/L (240 ft.²/gal.)

Trowelled surface up to 14.7 m²/L (720 ft.²/gal.)

Coverage is approximate and depends on the porosity of the surface.

Packaging

3.78 litre or 18.9 litre pails and 205 litre drums

APPLICATION INSTRUCTIONS

Product container provides all application information. Read and follow all instructions and precautions.

Apply by sprayer, long nap roller, soft bristle broom or lamb's wool applicator. Standard garden-type sprayers equipped with a neoprene hose and gaskets are recommended for best results.

Apply FORM SEAL as soon as all surface water has disappeared and the concrete surface will not be marred by walking workmen. Apply evenly over entire surface; avoid puddling in low areas. Restrict foot traffic for at least 4 hours preferably, 12 hours.

Should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble, and/or turn white (blush).

Should not be applied to concrete exposed to excessive moisture. Entrapped moisture in a solvent based sealer may cause the film to peel and/or turn white (blush).

For greater protection and higher sheen, apply a further coating of FORM SEAL and/or apply a coating of FORM SEAL/25.

CLEAN UP

Clean tools and equipment after use with a solvent such as SEALTIGHT Solvent, Xylene or Toluol.

SAFETY AND TOXICITY

Contains solvent. Use with adequate ventilation and avoid prolonged breathing of vapours that may cause dizziness or suffocation. Avoid contact with skin and/or eyes. See product label and [Material Safety Data Sheet](#) for additional information. Read and follow all instructions and precautions. Harmful or fatal if swallowed.

Proper application is the responsibility of the user. Field visits by Form & Build Supply personnel are for the purpose of making technical recommendations only, and are not to supervise or provide quality control on the job-site.

SPECIFICATION CLAUSE

Section 03 05 00.

Concrete Curing and Sealing Compound Form & Build Supply FORM SEAL conforming to ASTM C 309, Type 1, Class B.