

FORM SEAL HIGH GLOSS

Curing and Sealing Compound

DESCRIPTION

FORM SEAL HIGH GLOSS is an economical, high solids formulation of acrylic polymers and a quick-evaporating solvent. When applied on freshly placed concrete surfaces, a tough, uniform, moisture-retentive film for simultaneous curing and sealing.

USE

For curing and sealing newly placed concrete, vertical or horizontal applications, when a high-solids and high water retentive impermeable seal yielding superior curing efficiency is desired.

Suitable for commercial and industrial applications such as sidewalks, patios, driveways and multi-level parking decks. It provides a durable finish that increases resistance to chemicals, oils, grease, de-icing salts and abrasion.

FEATURES

Retains mix water in concrete to permit complete hydration of the cement paste for hard, dense concrete.

Helps minimize hair-checking, thermal cracking, dusting and other defects. Excellent moisture retention properties.

Can be re-coated after thorough cleaning of the existing surface. 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.

STANDARDS

ASTM C309, Type 1, Class A & B.

ASTM C1315 Type 1, Class A.

AASHTO M148, 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

New Concrete

Apply as soon as all surface water has disappeared and the concrete surface will not be marred by walking workers.

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).

Existing Concrete

Surface to receive sealer must be dry and free of contaminants. Remove all stains or discolourations.

Application Equipment

Apply by low pressure sprayer equipped with neoprene hose and gaskets. An 80° fan pattern spray tip rated at 1.8 litres per minute provides an excellent even coating.

Long nap roller; soft bristle broom or lamb's wool applicator.

Additional coats may be applied once a previous coat has dried. Avoid puddling in low areas. Restrict foot traffic for at least 4 hours; 12 hours is preferable.

CLEAN UP

Clean tools 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.

Curing and Sealing Compound Form & Build Supply (FORM SEAL HIGH GLOSS) conforming to ASTM C1315 type 1, Class A.