



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

Basalite Hy gloss Sealer

Manufacturer: Basalite

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SUPPLIED BY BC BUILDING PRODUCTS

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DESCRIPTION: Hy-Gloss is a water based, modified styrene acrylic sealer designed to cure, seal and prime concrete surfaces. Hy-Gloss 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: Hy-Gloss 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. Hy-Gloss is suitable for use as a curing and sealing membrane on all types of vertical, horizontal, interior or exterior cementitious surfaces. Hy-Gloss provides a tough high gloss film that is resistant to abrasion and common staining materials, prevents adhesion of cementitious droppings and the penetration of most oils and greases. It also provides an excellent base for mastic and cutback adhesives use when applying resilient floor tile. Hy-Gloss 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 C309 Type 1, Class A & B, AASHTO-M-148 Type 1, Class A & B and 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.
- Excellent for indoor and environmentally sensitive areas.
- Non-flammable and odor free.
- Non-yellowing.
- Stain resistance.

PROCEDURES:

NEW CONCRETE

Apply a coat of Hy-Gloss 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.

OLD CONCRETE

Clean and strip surface to bare concrete. Apply two coats as above. Refer to ASTM D4258 - Standard Practice for Surface Cleaning Concrete for Coating.

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. For additional protection or a higher gloss a second coating may be applied after the first coating is thoroughly dry. Do not apply at temperatures below 4°C (40°F) or in direct sunlight. Apply Hy-Gloss 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.

PROPERTIES

Yield / Coverage		
- Smooth Concrete	5-9 sqm/ltr	200-400 sqft/US gallon
- Rough Concrete	3-5 sqm/ltr	100-200 sqft/US gallon
Appearance	White Liquid (dries clear)	
Minimum solids	25%	
Working time	1 hr	
Set Time	1 - 2 hrs	
Drying time	upto 4 hrs	
Walk on time	12 hrs	
Curing Time	24 hrs	
Drive on Time	24 hrs	
V.O.C	90 gms/ltr	

LIMITATIONS: Hy-Gloss should not be used below 4° C. May not be compatible with other sealers and coatings. Do not allow uncured product to freeze. Hy-Gloss may affect the bond of joint sealants if applied in the joints. Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

PACKAGING: Hy-Gloss is available in 4.0 liter, 12 liter and 18.93 liter metal containers.

SAFETY PRECAUTIONS: Use Hy-Gloss in a properly ventilated area. Wear protective clothing including gloves and a face shield or goggles. Clean thoroughly. Safety Data Sheet is available at www.basalite.ca.

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