



ARMSBHDH

SURFACE BOND HD ASPHALT AND CONCRETE COATING

PRODUCT DESCRIPTION

Surface Bond HD is a self-priming 100% acrylic water based emulsion designed to provide an exceptionally durable pavement color coating. It's unique crosslinking technology provides durability normally associated with hot melt thermoplastics and epoxies. Surface Bond HD provides superior fuel resistance and is fortified with sand for slip resistance.

Surface Bond HD is designed to protect and beautify asphalt pavement surfaces and concrete including roadways, streets, driveways, parking lots, walkways, golf cart paths, amusement parks, and more.

IMPORTANT: Do not apply to pavement surfaces that have previously been sealed with coal tar or asphalt based sealers.

CHEMICAL AND PHYSICAL ANALYSIS

RESIN	100% ACRYLIC EMULSION
% SOLIDS BY WEIGHT	>77%
% SOLIDS BY VOLUME	>66%
WEIGHT PER 5 GALLON PAIL	57 LBS
% NON-REACTIVE FILLERS	<38%
% SILICA SAND	>15%
VOC CONTENT	<75 G/L
BOILING RANGE	ABOVE 212°F
VAPOR DENSITY	HEAVIER THAN AIR
FLASHPOINT ASTM D 3278	>201°F
HAZARDOUS INGREDIENTS	NONE
VISCOSITY @ 70°F (20°C)	95-110 KU
MIX RATIO (COATING:LIQUID TINT)	4 GAL:1 PINT
DRY MIL THICKNESS PER COAT	20-25 MILS
COVERAGE PER 5 PAIL	APPX. 240-280 SF (4 GAL NET)
NUMBER OF COATS REQUIRED	MIN 2. 3 RECOMMENDED
DRY TIME (TO RE-COAT) @ 50°F (10°C)	45 MIN
DRY TIME (TO RE-COAT) @ 90°F (32°C)	25 MIN
85% CURE (TO PERMIT TRAFFIC) @ 50°F (10°C)	5 TO 7 HOURS
85% CURE (TO PERMIT TRAFFIC) @ 50°F (10°C)	-
A STM 2486 SCRUB RESISTANCE (30 DRY MILS)	1 TO 3 HOURS
TEMP. LIMITS FOR SERVICE (OF CURED MATERIAL)	-
FRICTION USING A LOCKED WHEELED TESTER AT 30 MPH	6000 CYCLES TO MAX LOSS OF 50% COATING THICKNESS
PEDESTRIAN FRICTION ASTM E303 BRITISH PENDULUM	-40°F TO 150°F
	>50 FN30R
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	>75 BPN
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USES

Surface Bond HD designed to protect and beautify asphalt pavement surfaces including roadways, streets, driveways, parking lots, walkways, golf cart paths, amusement parks, and more.

COMPOSITION

100% acrylic water based emulsion coating featuring a unique crosslinking technology that provides exceptional durability. Mineral fillers and surfactants are added for additional product performance

PACKAGING

Sold in 5 Gal Pails consisting of 4 Gal of base coating and 1 pint of liquid color tint

COLOR

See Surface Bond HD Color Chart for Available Colors

LIMITATIONS

DO NOT APPLY when surface or ambient temperature is below 50°F. Do not apply if temperature is expected to drop below 50°F at any time within a 24 hour period after application. **DO NOT apply to previously coated surfaces that have been sealed with asphalt type sealers. This product can only be applied to concrete or regular asphalt that was not previously sealed, or was sealed with an acrylic sealer**

PHYSICAL AND CHEMICAL PROPERTIES

Surface Bond HD is a highly durable pavement coating that meets the following material requirements when tested in accordance with ASTM D1475, ASTM D3960, ASTM D562, ASTM D711, ASTM D2486, ASTM D4585, ASTM D2243, and ASTM D2369 (see chemical and physical analysis chart).

ENVIRONMENTAL CONSIDERATIONS

Surface Bond HD is an environmentally friendly 100% acrylic emulsion coating containing less than 75 grams per liter volatile organic content (VOC).

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.