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ARMSBLTX

SURFACE BOND LT ASPHALT AND CONCRETE COATING

PRODUCT DESCRIPTION

Surface Bond LT 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 LT provides superior fuel resistance and is fortified with sand for slip resistance.

Surface Bond LT 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
ASTM D1475 - WEIGHT PER GALLON	11-12 LBS
ASTM D562 VISCOSITY (KREBS UNIT)	80-100
ASTM D711 DRY TO NO PICK-UP TIME	<25 MIN, @ 20 MILS
ASTM D2486 SCRUB RESISTANCE	1200 CYCLES MINIMUM
ASTM D4585 WATER RESISTANT CYCLES	8 MINIMUM
ASTM D2369 TOTAL SOLIDS BY WEIGHT	50% MINIMUM
VOC CONTENT	<80 G/L
COVERAGE PER 5 GAL PAIL	240-280 SF (4 GAL NET)
COVERAGE PER 1 GAL	60-70 SF
NUMBER OF COATS REQUIRED	2 MINIMUM
MIX RATIO (COATING:LIQUID TINT)	4 GAL:1 PINT

USES

Surface Bond LT designed to protect and beautify asphalt and concrete surfaces including roadways, streets, parking garages, driveways, 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 LT 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/CHEMICAL PROPERTIES

Surface Bond LT 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 on right).

ENVIRONMENTAL CONSIDERATIONS

Surface Bond LT is an environmentally friendly 100% acrylic emulsion coating containing less than 80 grams per liter volatile organic content (VOC).

FEATURES



Parking Lots



Driveways



Amusements
Parks



Golf Cart Paths



Walkways



Streets

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.



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PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE APPLICATION BEGINS. FAILURE TO DO SO CAN RESULT IN PRODUCT FAILURE.

PREPARATION

All surfaces must be clean, dry and free of loose particles. The coating can be applied with standard nap roller or our special textured surface bond roller. Pavement surface repairs should be made with a suitable hot or cold asphalt mix. Cracks should be filled with acrylic base crack filling products. **DO NOT USE HOT APPLIED CRACK FILLING MATERIALS.**

MIXING

The Surface Bond LT is a one part ready to use coating with tint additive. Add 1 pint of color per 5 gal unit. Once pigment is added mix up the 5 gal pail with a metal/slurry mixer for 5 minutes before use to ensure even color consistency and aggregate disbursement. If needed, a small amount of water can be added to facilitate application.

APPLICATION

Apply first coat of Surface Bond LT to substrate. Wait for first coat to dry (25-45 mins depending on temperature and RH). Once the first coat is dry proceed with applying a second coat of the Surface Bond LT. 2 coat minimum recommended however if substrate is heavily damaged pitted, corroded or needs additional coats follow the same procedure as described above.

COVERGAE RATES

Each 5 Gal Pail (4 Gal Net) will yield appx. 60-70 SF per gal or 240-280 SF per pail. Please note coverage will vary depending on surface porosity and application method. Extremely porous pavement and substrates will result in reduced coverage rates.

PRECAUTIONS

Both surface and ambient temperature shall be a minimum of 50°F. Temperature shall not drop below 50°F in a 24 hour period following application. New asphalt surfaces shall be completely free of oils prior to coating. Keep Out Of Reach Of Children. Do not store unopened drums or pails in freezing temperatures. **DO NOT APPLY when surface or ambient temperature is below 50°F. If temperature is expected to drop below 50°F at any time within a 24 hour period after application dry times may be longer. 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**

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.