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PRODUCT DATA SHEET

TUFF-BOY 1145 WATERBORNE SILICONE WATER REPELLENT

PRODUCT PROFILE

DESCRIPTION

Tuff-Boy 1145 is a siloxane masonry water repellent that has excellent penetration, high alkali resistance, and low volatility. The siloxane resin actually chemically bonds to the masonry to which it is applied. Tuff-Boy 1145 is easy to apply and will protect masonry substrates against spalling, cracking, efflorescence, and other types of damage caused by the water entering the substrate. Tuff-Boy 1145 will greatly extend the life of the masonry to which it is applied by reducing the damage caused by repeated cycles of freezing and thawing. Tuff-Boy 1145 will also minimize leaching and migration of typical masonry discolorants such as calcium, sodium, and potassium salts. Tuff-Boy 1145 is supplied at a concentration of 10% siloxane resin.

TYPICAL USE

Tuff-Boy 1145 is highly recommended for use on concrete, inorganic mortar and plaster, asbestos cement, natural and synthetic stone, brick and block, and mineral painted surfaces. Tuff-Boy 1145 is not recommended for use on gypsum or wood.

PRIMERS

None needed.

SURFACE PREPARATION

The mortar in the masonry should be allowed to age in service for approximately two months before Tuff-Boy 1145 can be applied. All cracks and mortar joints should be repaired and repointed. For best results, masonry should be clean, dry and free from any large cracks. Application should not be attempted if it has rained in the past three or four days or if rain is anticipated within 24 hours after application.

COLOR

Clear

SOLIDS

10.2% by weight/10.6% by volume

APPLICATION RATE

75 - 150 square feet per gallon depending on the porosity of the surface. This product should be applied in a "flood coat" (The product is designed to be put on so that it floods the substrate, and excess coating runs out/over the surface of the substrate.)

VOC	175 grams per liter.
DRY TIME	7 - 10 days to fully cure.
APPLICATION EQUIPMENT	Due to the fact that Tuff-Boy 1145 is designed to be put on in a “flood coat”, low pressure spraying with a pump-up type sprayer is recommended. This product may also be applied with a wide bristle brush, conventional or airless spray.
CLEAN-UP	Warm, soapy water

SHIPPING & STORAGE

PACKAGING	5 Gallon Pails and 1 Gallon Cans.
WEIGHT/GALLON	8.3 +/-0.1 Pounds
STORAGE TEMPERATURE	Minimum 35°F. Maximum 90°F.
SHELF LIFE	12 months at recommended storage temperature when stored in tightly sealed containers.
FLASH POINT	Water-based paint: Not applicable.

The technical data contained in this data sheet is accurate to the best of our knowledge. No warranty is expressed or implied since the method of application and its intended use is beyond our control.