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PRODUCT DATA SHEET

TUFF-BOY 1104 PIGMENTED EPOXY MASONRY SEALER

PRODUCT PROFILE

DESCRIPTION	Tuff-Boy 1104 is a pigmented one component modified epoxy primer/sealer designed to be applied to masonry surfaces where adhesion could be a problem such as heavily chalked masonry surfaces or surfaces where a cement wash is present. It is supplied at a thin viscosity so that it will penetrate loose chalk and other foreign contaminants and then tie the chalk down to the substrate; thus providing a sound base to which the topcoat may be applied. Another distinct advantage is the product's pigmentation, which both enables the applicator to identify which areas have been sealed as well as providing hiding for subsequent coatings. Due to the nature of this product's epoxy resin system, Tuff-Boy 1104 has unsurpassed adhesion and outstanding alkali resistance.
TYPICAL USE	This product is designed for use on various types of architectural masonry surfaces in commercial, residential, institutional, or industrial environments. Tuff-Boy 1104 may be applied over properly aged stucco, brick, concrete block, and tilt-up concrete panels. This product is not designed for use as a finish coat.
PRIMERS	No primer is needed.
SURFACE PREPARATION	The surface to be sealed should be dry and free of as much dirt, chalk, grease, asphalt, mildew, oil, rust, or other foreign contaminants as can be removed. All bond breakers and form release compounds must be removed prior to application of this product, which may require extended weathering, hot water or sand blasting. If you have any questions about proper surface preparation, check your surface preparation guide or consult your Farrell-Calhoun representative.
COLOR	White
SOLIDS	47.4% by weight/32.9% by volume
THEORETICAL APPLICATION RATE	527 square feet per gallon at 1.0 mil dry film thickness. Coverage figures do not include loss of material while mixing, porosity or irregularity of the surface to be sealed, or application methods.
RECOMMENDED SPREAD RATE	Actual coverage figures will vary greatly with the porosity of the surface. For most masonry surfaces it is recommended to apply this product at a rate of 300 square feet per gallon. Do not apply this product so heavily that it builds a sheen.

VOC	530 grams per liter
DRY TIME	Allow twenty-fours before recoating.
APPLICATION PRECAUTIONS	Do not paint if the atmospheric temperature or the substrate temperature is below 45°F or above 90°F. Do not paint late in the day when dew or condensation is likely to form or when rain is threatening.
APPLICATION EQUIPMENT	Conventional or airless spray, lambskin roller cover or bristle brush.
THINNING	Thinning is not recommended.
CLEAN-UP	Xylene

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	50°F.

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.