221 E. Carolina Avenue Memphis, TN 38126
(800) 424-9300 CHEMTREC
INFORMATION TELEPHONE NO.: (901) 526-2211
www.farrell-calhoun.com help@farrell-calhoun.com

PRODUCT DATA SHEET

470A
INTERIOR/EXTERIOR
ACRYLIC LATEX MASONRY BLOCK FILLER

PRODUCT PROFILE

DESCRIPTION

#470A Acrylic Masonry Block Filler is a unique high solids latex coating designed to fill voids, honeycombs and reducing pinholes in interior or exterior porous masonry surfaces. This product uses a 100% Acrylic resin system that is superior to conventional vinyl-acrylic resin block fillers. The use of this resin system gives #470A excellent alkali resistance up to a pH of 13. #470A is designed to fill the porous surface of concrete blocks and maximize the spreading rate of the finish coating, giving faster production rates. This heavy duty block filler may be topcoated with latex or alkyd coatings. If a higher sheen topcoat is desired, we recommend priming with #380 Perfik-Seal to completely seal the surface.

TYPICAL USE

This product is recommended for use on all interior or exterior surfaces of cement, concrete, heavy and lightweight masonry blocks. This product is not recommended on concrete floors or any other smooth concrete surface or brick.

SURFACE PREPARATION

The surface to be painted should be dry and free of any dirt, chalk, loose or peeling paint, grease, mildew, oil, rust, or other foreign contaminants. All new concrete surfaces must be properly cured before painting. The pH of any new masonry surface must be at or below a pH of 13.0 before it can be painted. If you have any questions about proper surface preparation check your surface preparation guide or consult your Farrell-Calhoun representative.

COLOR

Available in white and can be tinted to any pastel color with universal colorants.

FINISH

Flat @60° 1.5 – 2.5

SOLIDS

68.3% by weight/50.0% by volume

THEORETICAL APPLICATION RATE

Due to the large amount of holes and voids in most concrete blocks, it is highly recommended that two coats of block filler be applied at spread rate of 50 to a maximum of 100 square feet per gallon to achieve a WFT of 32.1 to 16.0 Mils and a DFT of 16.0 to 8.0 Mils. Coverage figures do not include loss of material while mixing, porosity or irregularity of the surface to be painted, or application methods.

RECOMMENDED SPREAD RATE	Spreading rate will vary greatly with porosity of the surface to be painted. Different masonry porosities will affect the appearance of the finish coat. On extremely porous blocks, an additional coat of block filler should be used. Avoid building a film on the face of the block with block filler.
VOC	35 grams per liter
DRY TIME	At 77°F and 50% relative humidity: Thirty minutes to dust, dirt and bug free, one hour to tack free, and four hours to recoat with latex and 8 hours to recoat with alkyd.
APPLICATION PRECAUTIONS	Do not paint if the atmospheric temperature or the substrate temperature is below 40°F or above 95°F. Do not paint late in the day when dew or condensation is likely to form or when rain is threatening.
APPLICATION EQUIPMENT	Airless spray, synthetic brush or roller cover. This product is best worked into voids by roller or brush application. When spraying it is best to roll behind the spray application while the material is still wet, so that the material can be thoroughly worked into all the voids. A .021 tip size is recommended for spraying #470A and a minimum 1.00 gallons per minute pump.
THINNING	Thinning is not recommended. If thinning is required for spray applications, thin sparingly with clean tap water. Thinning in excess of 1/2 pint of tap water to one gallon of paint will reduce hiding power, void filling properties, and may cause sagging.
CLEAN-UP	Warm, soapy water
ENVIRONMENTAL	Meets MPI#4 performance requirements, OTC, AIM, and can be used on LEED certified buildings.

SHIPPING & STORAGE

PACKAGING	5 Gallon Pails and 55 Gallon Drums.
WEIGHT/GALLON	13.0+/- 0.1 Pounds
STORAGE TEMPERATURE	Minimum 35ºF. Maximum 90ºF.
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.