



## KPS13 SURFACE PREPARATION EXTERIOR GUIDELINES

### CMU (Concrete Masonry Unit, Cinder Block) - NEW

#### To Be Painted

- ⊕ If mildew is present or suspected treat with a 3:1 water and household bleach solution, leaving it on for 20 minutes and adding more as it dries. Wear eye and skin protection. Rinse thoroughly and let dry.
- ⊕ New concrete and masonry, depending on temperature and humidity, requires a minimum of 30 days to dry to insure surface alkalinity is acceptable. The PH should be between 6 and 9 prior to paint application.
- ⊕ Remove any dirt and contaminants by high pressure water blast. Water pressure should not exceed 2,500 psi to help prevent damage to the surface.
- ⊕ Remove any loose or protruding masonry excess by a stiff scraper or wire brush.
- ⊕ Fill any gouges with exterior cement / concrete patch; let dry and sand flush.
- ⊕ Fill gaps (1/8" to 1/4") with quality acrylic or siliconized acrylic caulk, and immediately smooth it flush. Allow to dry over night and make a second application if needed. Do not sand caulk applications.
- ⊕ Gaps larger than 1/4" should be prefilled with foam backer rod prior to application of a quality acrylic or siliconized acrylic caulk.

### CMU (Concrete Masonry Unit, Cinder Block) - PREVIOUSLY PAINTED

#### To Be Painted

(\*NOTE: If lead is suspected in the original paint, do not attempt to remove paint or scrape, sand, use heat gun, etc., which might release lead into the environment, rather contact a contractor qualified for lead paint assessment and abatement.)

- ⊕ If mildew is present or suspected treat with a 3:1 water and household bleach solution, leaving it on for 20 minutes and adding more as it dries. Wear eye and skin protection. Rinse thoroughly and let dry.
- ⊕ Remove any dirt and contaminants by high pressure water blast. Water pressure should not exceed 2,500 psi to help prevent damage to the surface.
- ⊕ Dull any glossy areas with medium (120) grit sandpaper. Wear eye protection, dust mask and work gloves.
- ⊕ Fill any gouges with exterior cement / concrete patch; let dry and sand flush.
- ⊕ Fill gaps (1/8" to 1/4") with quality acrylic or siliconized acrylic caulk, and immediately smooth it flush. Allow to dry over night and make a second application if needed. Do not sand caulk applications.
- ⊕ Gaps larger than 1/4" should be prefilled with foam backer rod prior to application of a quality acrylic or siliconized acrylic caulk.

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