Product Data Sheet | Isocrete Primer Plus

Product Description
Isocrete Primer Plus consists of a new generation non-EVA liquid acrylic latex used as a primer for Isocrete 1500P, Isocrete 4000 and Isocrete 1400 cementitious toppings, and as a bonding agent for other cement-based repair mortars and concrete. Isocrete Primer Plus has a long open time, cementitious toppings can be placed either after it has dried or while it is still wet. Isocrete Primer Plus utilizes unique reactive chemistry for bonding instead of depending on the moisture content of the cementitious topping.

Environment & Health
Isocrete Primer Plus is a solvent free product, and practically odorless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheet (SDS).

Packaging & Coverage Rate
Isocrete Primer Plus – 5.0-gallon unit (Single Component, do not dilute with water or solvent)

1st coat: 150-250 sq ft/gal on dense substrates (do not exceed 300 sq ft/gal)
Porous substrates may require a 2nd coat of material.

2nd coat: 200-250 sq ft/gal (as needed)

Application Temperature
The recommended substrate temperature is 60-80°F, but no less than 50°F.

Mixing & Application Instructions
Substrate must be clean, dry, free of curing compounds, form release agents and other contaminants and be properly prepared with shot blasting, coarse grit grinding or scarifying equipment to a minimum surface profile of CSP-3-5 or as required by the topping used. Stir Isocrete Primer Plus thoroughly before use. Do not dilute with water or solvent. Apply with rollers pre-wetted with water, squeeze out excess water before use.

May also use industrial pump-up sprayer or airless spray equipment with a fan tip nozzle. Hold spray nozzle 12 to 18 inches (30 to 46 cm) from surface and apply Isocrete Primer Plus using a cross coat technique consisting of a horizontal pass followed by a vertical pass. Very porous substrates may require two applications—if first coat of primer dries in less than 15 minutes, apply second coat. Isocrete Primer Plus can be wet or dry before placing Isocrete topping or other cementitious toppings or concrete.

Curing Time (75°F, 50% RH)
Isocrete Primer Plus will dry in approximately 2-3 hours at 70-75°F, 50% RH. Maximum overcoat time is approximately 5 days. If exceeding 5 days, the surface must be mechanically abraded to remove the existing product and Isocrete Primer Plus must be re-applied. During open time protect surface from dust, dirt, and other sources of contamination which could adversely affect bond strength of the Isocrete topping or other cementitious topping or concrete.

Precautions
Keep from freezing.
Do not dilute with water or solvent. Do not apply below 50°F.
Consult with Safety Data Sheet before use.

Clean-Up
Clean tools and equipment with soap and water immediately following use.
Clean drips and over-spray with water while still wet. Dried material may require mechanical abrasion for removal.

VOC
<5 g/L

Storage
2 years in unopened pails.
Storage temperature between 50°F and 90°F. Protect from freezing weather.

Physical Properties

Property	Value
Unit Weight, Specific Gravity	8.4 lbs/gal, 1.07
Viscosity	100 cps

Further Information
If you would like additional information, please consult our Technical Service Team at the number listed below or visit our website to register your interest in specifying a FlowResin flooring system.