

# Prime It

## Primer/Admixture

### 681

#### USE:

**ICT Prime It** is a concentrated liquid bonding agent designed to be used as a "paint on" type of bonding agent or as an admixture to Portland cement or gypsum based plasters and patching compounds. When used as a bonding agent, **ICT Prime It** bonds like glue, to create a chemical bond between a compatible substrate and a suitable top layer. When used as an admixture, **ICT Prime It** is added to the raw ingredients to improve adhesion to the substrate, cohesion between the components of the mixture and enhance the physical characteristics of the end product.

#### DESCRIPTION:

**ICT Prime It** is a latex emulsion which imparts bond strength between compatible products. **ICT Prime It** forms a flexible film on the substrate which re-wets when the wet cement or plaster overlay is applied. When used as an admixture, Portland cement type mixes become more impact resistant and have greater adhesion especially when a thin edge is required.

**ICT Prime It** will not re-emulsify after it is added to any cementitious mixes.

#### DIRECTIONS:

Prior to application dilute **ICT Prime It** 50/50 with water. Concrete surfaces should be saturated with water and all standing water removed before application. Apply using spray, brush or short nap roller to form a continuous film over the entire surface. Allow 15-20 minutes for the **ICT Prime It** to penetrate the substrate. Check to be sure that there is no peeling or curling before applying wet plaster or cement. Apply the overlay as soon as the **ICT Prime It** is dry. If longer than 24 hours passes after application, apply another coat of **ICT Prime It**. **ICT Prime It** can be substituted for all or part of the water required in many cementitious products. When using as an admixture the normal ratio of **ICT Prime It** to water should be 1:3 (1 part **ICT Prime It** to 3 parts water). Where adhesion and flexibility are more critical, increase the ratio of **ICT Prime It** to water as needed.

#### SURFACE PREPARATION

New concrete should cure at least 28 days. On existing concrete, the surface must be clean and free of unsound concrete, grease, oil, paint, mastics and any other materials that will impeded penetration and adhesion of the primer or cementitious overlay. Thoroughly roughen and open slick or sealed surfaces. Protect the cleaned and repaired substrate from contamination prior to the application of the primer.

#### PRECAUTIONS:

**ICT Prime It** should be mixed well before use, do not over mix as product will become foamy. Wear eye protection when applying **ICT Prime It**. Keep out of reach of children. Do not take internally. Material may be mixed with a drill mounted paint paddle but do not use on high speed and do not introduce air bubbles into the product. Overlay must be applied within 24 hours of application of **ICT Prime It**. After 24 hours re-cleaning and re-priming the surface is required before installing the overlay. Do not contaminate the primed surface with release agents or other foreign substances.

#### PACKAGING:

1 and 5 gallon containers.

#### CHARACTERISTICS AND TECHNICAL DATA

<u>Liquid Properties</u>	<u>Test Results</u>
Weight/Gallon.....	8.63 lbs./gal.
% Solids ± .....	50%
Shelf Life.....	1 year
Coverage/Gallon.....	200 sq. ft. per gal. Depending on porosity of substrate
Freeze Thaw .....	Protect from freezing
Dry Time .....	30 minutes to 1 hour
Liters/gallon.....	3.875 liters

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