



# **STEF PRIME**

*(Cementitious base coat)*

## **1- Product description**

*STEF PRIME* is a mixture composed of 100% acrylic resin with inorganic pigments, granules of marble, sand quartz, silica, additives and high performance fungicide aggregates.. Once mixed with Portland cement, the *STEF PRIME* will serve as a primer base coat layer to be used on absorbent substrates as a barrier for the later application of Stef Tek, Roll,Stef Tek and other products approved by STEF. Very good adhesion on absorbent substrates , fast-curing , hydrolysis and alkali resistant , easy and fast application

*STEF PRIME* layer must be of minimum "(1.4 mm) .

## **2- Covered surface area**

An 17L container covers about 45 to 50 m<sup>2</sup>.

## **3- Mixture**

Mix *STEF PRIME* in a clean container without any foreign substance until it becomes homogeneous. Add 50% of *Portland cement type 1 GU* in proportion to its weight and stir vigorously until smooth . Let the mixture stand 5 minutes. Mix slowly again by adding a small amount of clean water, if necessary to facilitate applying and to obtain a consistent texture. Avoid adding too much water; maximum one cup. Do not add any accelerating agent, retarder, or any other product to the mixture. Prepare only half of the *STEF PRIME* container each time.

*Portland cement type 1 GU* meets the standard ASTM C 150 and standard CSA A3000-08.

*Portland cement type 1 GU* meets the following norms:

- A3000 CSA Standard on binder materials
- A23.1 CSA Standard on the constituents and implementation of concrete work
- National Building Code of Canada (NBCC)
- Provincial-building codes: Ontario, Quebec, British Columbia, Nova Scotia.

## **4- Installation**

### **Surface preparation:**

The surfaces to be recovered must not be painted, be clean, dry and form an adequate structure. They must be free of grease, oil, and other products that will prevent good bonding prior to application.

### **Installation:**

Once mixed, installation of the product must be within approximately 1 hour depending on the ambient temperature. Keep containers closed when not using the mixture. Surface and ambient air temperature should be 5°C (41°F) or higher and remain so for a minimum of 24 hours.

### **Drying:**

*STEF PRIME* drying time depends on the wind, ambient air and relative humidity. Under normal drying conditions (21°C and 55% RH), drying time is 24 hours.

### **Cleaning:**

Clean tools with water while the *STEF PRIME* mixture is still wet.

