

# VARACON FC

## ONE COMPONENT POLYMER MODIFIED FAIRING OR LEVELLING COAT

### DESCRIPTION

**VARACON FC** is a concrete-grey or off-white, single component mortar, based on a blend of portland cements, graded silica sands, water reducing agents and compatible water resistant polymers. The product is designed to give good adhesion and cohesion in plastic state and low water requirement resulting in low porosity and long durability.

### USES

**VARACON FC** is used for producing a fair-faced concrete appearance after patch repairs to walls, for levelling uneven surfaces, filling honeycombs in precast units and walls and as a levelling compound to prepare for painting or coating. It is suitable for use in marine structures.

### ADVANTAGES

- ◆ **Easy to use:** Can be brush, sponge or trowel applied. Workability retained for approximately 40 minutes.
- ◆ **Constant quality:** Factory controlled pre-packed material eliminates site batching variations.
- ◆ **Adhesion:** Excellent to sound concrete substrates and steel.
- ◆ **Chloride free:** Excellent strength development without the use of chlorides.
- ◆ **Weather resistance:** Water and weather resistant.

### TYPICAL PROPERTIES

Density is 1.9 to 2.0 at 17% water.  
Compressive strength: 30 N/mm<sup>2</sup> at 28 days tested to **BS 4550** with 100 mm cubes cured under restraint at 25° C.

### MIXING

The mix proportions are 4 to 4½ litres of water per 25 kg of powder. Small quantities can be mixed by hand but larger quantities should be mixed with a slow speed drill and paddle, the water should be placed in the container first and the powder added with stirring. Stirring should continue for 2-5 minutes To obtain cohesive paste. For application by trowel slightly less water should be used.

### SUBSTRATE

The surface should be clean and free of dust; loose particles cement laitence and grease.

### APPLICATION

Absorbent surfaces should be pre-wetted with clean water. Application thicknesses are normally from 3mm to feather edging, Areas of application should be protected against excessive evaporation caused by high temperatures or strong winds.

The minimum application temperature is 5° C.  
The pot life is approximately 1 hour at 20° C.

### YIELD COVERAGE

25 kg gives a yield of 14.75 litres at 17% water. One 25 kg bag covers 14.75 square meters at 1 mm thickness.

### PACKAGING

**VARACON FC GREY** and **VARACON FC WHITE** are available in 25 kg bags.



## PRECAUTIONS

**Cleaning:** All equipment must be cleaned with water immediately after use. Mixes containing this product must not be emptied into drainage systems.

**Protection:** All works must be protected from rain & frost until fully hardened.

**Storage:** Shelf life is 12 months when stored in dry conditions at moderate temperature and humidity.

**Fire Resistance:** The product is not flammable.

## HEALTH AND SAFETY

The product is non-toxic but mildly alkaline. Gloves should be worn during application. Splashes to the skin or eyes should be removed with clean water. In the event of prolonged irritation, seek medical advice.