

PatchCrete 100

Fair Facing Coat



DESCRIPTION • *PatchCrete 100* is a single component, cement-based, polymer-modified leveling and fairing coat for reprofiling large areas in thicknesses ranging from featheredge to 3 mm.

USES • *PatchCrete 100* is used for smoothing, restoration of, and filling pinholes, blows, and minor imperfections in concrete surfaces. *PatchCrete 100* can be used as a skim coat for fair facing concrete surfaces to create a uniform surface over large areas in thicknesses from featheredge to 3 mm.

ADVANTAGES

- ✓ Single component and easy to use; just add water.
- ✓ Crack resistant.
- ✓ Provides a smooth surface finish.
- ✓ Excellent adhesion to concrete surfaces.
- ✓ Shrinkage resistant.
- ✓ Excellent workability.

LIMITATIONS • Do not use if substrate temperature is below 7°C or if rain or freezing conditions are expected in the proceeding 24 hours after application. Do not overwater; excessive amounts of water will weaken the material and reduce its durability.

PHYSICAL PROPERTIES

Pot Life	45 min. at 20°C 20 min. at 35°C
Set Time	60 min. at 20°C 45 min. at 35°C

COVERAGE • Coverage rate is dependent on the width and depth of the areas to be patched. Generally, a 25 kg bag will cover approximately 15 sq meters at 1 mm thickness.

SURFACE PREPARATION • All surfaces must be structurally sound, clean, and free from any loose particles, dust, oil and other contaminants. All unsound concrete must be chipped away and any dust should be removed with a vacuum. The pores of the concrete surface must be open to permit proper bonding; use sandblasting, acid etching or scarifying to prepare the surface. Insure that the surface is neutralized and washed thoroughly if the surface is acid etched. It is highly recommended to roughen any smooth surfaces in order to provide good mechanical keying.

MIXING • Add a 25 kg bag to 5 liters of clean water. The powder should be slowly added to the water and mixed until a homogeneous, lump-free mortar is obtained. Mechanical mixing at low speeds (300-400 RPM) is recommended for best results. DO NOT OVERMIX OR OVERWATER.

APPLICATION • Dampen the concrete surface with water prior to application of *PatchCrete 100*, making sure to remove any excess or standing moisture before application. Due to its high polymer modification, *PatchCrete 100* has a high bonding strength, however for additional bonding strength the surface may be primed with *A-Z PrimeBond*, *A-Z Strong Bond*, *A-Z Hi Bond*, or *A-Z Mega Bond*. Please refer to CCC's relevant data sheets for application instructions. Apply *PatchCrete 100* manually on the repair areas with a trowel in thicknesses ranging from featheredge to 3 mm with a minimum of working the surface. Allow to partly set before troweling to a smooth finish.

CURING • *PatchCrete 100* is self-curing and does not require moisture curing. On extremely hot and dry days, cover the repair area with a sheet of polythene to prevent excessive drying.

CLEANING • Tools and equipment should be cleaned promptly with clean fresh water.

STORAGE & SHELF LIFE • Product should be stored at 25°C in dry conditions away from direct sun light. Shelf life is approximately 12 months from date of purchase in original unopened container at specified storage temperature.

SAFETY PRECAUTIONS • KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. Portland cement and silica based products present health hazards. Irritating to eyes and skin. Use in adequate ventilation and do not breath dust. May cause delayed lung injury (silicosis). Use neoprene gloves and a dust mask when handling. FIRST AID: Eyes – Do not rub eyes, immediately flush with fresh water. Skin – Wash with soap and water. Inhalation – If experience difficulty breathing or if inhaled, move to fresh air. If symptoms persist, seek medical attention.

PACKAGING • 25 kg bag.

Creative Concrete Concepts

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