

SKIM COAT

- **POLYMER MODIFIED CEMENTITIOUS COMPOUND**
- **ONE PACK, EASY TO USE**
- **EXCELLENT WEATHER RESISTANCE**
- **LONG WORKING TIME**
- **APPEARANCE OF CONCRETE**
- **SMOOTH FAIR-FACE FINISH**
- **ADHESION TO OFF-SHUTTER CONCRETE**
- **NON-SLUMP REDUCES WASTAGE**

PRODUCT DESCRIPTION:

Pro-Struct 517 Skim Coat is a single component polymer modified cement-based material used for achieving a smooth finish on precast, cast in place, tilt up or other unfinished concrete surfaces. It is not a vapour barrier, contains no gypsum and has excellent workability for trowel application. Pro-Struct 517 Skim Coat is an excellent product for filling blowholes and other small imperfections in newly placed concrete surfaces.

USES:

- Rectifying surface imperfections
- Filling blow holes and non-structural honeycomb
- Fairing surfaces prior to coating
- Skim Coat for vertical and overhead surfaces
- Finishing newly cast concrete
- Cementitious coating over masonry

PACKAGING & COVERAGE:

22kg Polyethylene-lined bag yielding 16 litres
16m² per bag at 1mm thick

SHELF LIFE:

One year in original unopened packaging when stored in dry conditions. High relative humidity will reduce the shelf life.

TYPICAL PROPERTIES AT 25°C

Colour	Light Grey Cementitious
Consistency	Non-slump paste
No. of Components	1
Mix Ratio	22kg Powder + 6 to 7 litres water
Working Time	30 to 40 minutes
Apply Over	Concrete or masonry vertical surfaces
Apply By	Trowel or skimming squeegee
Initial Set	60 to 80 Minutes
Service	24 Hours for coating
Application Temperature Range	5°C to 32°C

APPLICATION INSTRUCTIONS

These instructions are not intended to show product recommendations for specific service. They are issued as an aid in determining correct surface preparation, mixing instructions and application procedure. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials.

PLACEMENT GUIDELINES

SCOPE OF WORK (BOQ):

Onto prepared surfaces, skim Pro-Struct 517 and strike off to achieve a smooth finish.

GENERAL:

Pro-Struct 517 is applied from feather edge to a maximum thickness of 3mm. Deeper repairs must be carried out with a structural repair mortar prior to the application of Pro-Struct 517.

SURFACE PREPARATION:

The surface to be treated must be clean and have an open capillary system to ensure maximum bonding. Pro-Struct 517 may be applied to concrete and masonry.

All cement laitance, shutter release agent, curing compound and other adhesion reducing substances, i.e. bitumen, grease, paint and in the case of refurbishment, any loose concrete or mortar, must be removed by means of light grinding or grit blasting.

MIXING:

Pro-Struct 517 requires 6 to 7 litres of water, depending on the consistency required. Clean water should be placed into the mixing vessel with the powder being gradually added. Mix the product utilising a mechanical high torque mixer with spiral mixer attached until a smooth, thick consistency is achieved.

PRIMING OF SURFACE:

The surface must be pre-wetted with potable water prior to the application of Pro-Struct 517.

APPLICATION:

Pro-Struct 517 is applied by trowel. The product must be trowelled into all pores and voids up to a maximum thickness of 3mm. The coating must be allowed to set sufficiently before final profiling.

CURING:

Pro-Struct 517 does not require curing, however, should rainfall be imminent, then suitable protective measures are required until the product has cured. Depending on ambient conditions, the product can be overcoated 24 hours after application.

CAUTION: MAY CONTAIN FLAMMABLE SOLVENTS. KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKMEN MUST WEAR FRESH AIRLINE RESPIRATORS. HYPERSENSITIVE PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRONIC EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST, WORKMEN SHOULD BE REQUIRED TO USE NON-FERROUS TOOLS AND TO WEAR CONDUCTIVE AND NON-SPARKING SHOES.



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