

**EXCELLENT ADHESION AND CRACK BRIDGING
PROPERTIES
APPROXIMATE COLOUR AND APPEARANCE OF
CONCRETE
GIVES EVEN APPEARANCE TO PATCHY AND
IRREGULAR OFF-SHUTTER CONCRETE
ELASTOMERIC CEMENTITIOUS WATERPROOFING
COATING WHICH REDUCES CHLORIDE ION
PENETRATION AND CARBONATION OF CONCRETE**

PRODUCT DESCRIPTION:

Flexicoat is a two-component polymer modified cementitious coating which forms an elastomeric waterproofing membrane. Flexicoat is used for the protection and waterproofing of concrete and brick surfaces.

USES:

- Excellent weather resistance.
- Forms an effective barrier to sulphates and chlorides.
- When mixed, the product does not segregate or settle. Important when applying away from the point of mixing.
- Does not check, crack or powder.
- Good crack accommodation after curing (maximum of 0.3mm).
- Ease of application by block brush.

SURFACE PREPARATION:

Surface must be clean, sound and free of shutter oil, curing compound, etc. Prior to application, the surface should be cleaned with a wire brush and thoroughly soaked with water. Dampening to be maintained immediately ahead of application to avoid ravelling.

MIXING AND APPLICATION:

Pro-Struct 506 Flexicoat is a two part kit – add 75% of the binder to the mixing vessel before adding the powder. Then mix to a typical smooth slurry using a slow speed paddle mixer, and add the remaining liquid and mix for 3 minutes. Apply by block brush. Although Pro-Struct 506 is not typically prone to segregation or settling, it is still good practice to occasionally stir the mixed product during the application.

CAUTION:

Under no circumstances should the binder be added directly to the dry powder mix. Do not use polyester geotextiles.

STORAGE:

Store under dry conditions in accordance with SABS specification for cement.

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 Colour
Number of Components	2, i.e. 20kg Powder + 8.7kg Polymer
Mix Ratio	Mix entire kit
Yield	19 Litres
Recommended Coverage	9.5m ² at 2mm thick
Apply Over	Concrete or bricks and blocks
No. of Coats Required	1 to 2, depending on surface profile and porosity
Apply By	Block Brush / Spray
Curing Time	3 Days at 25°C
Cleaning	Water
Application Temperature	5 to 40°C
Recoat Time	2 to 3 Hours