

FB 303

FB 303 is a **moisture cured, single component polyurethane based clear primer** recommended for concrete and masonry substrates. It has excellent adhesion to concrete and other cementitious substrates.

Properties:

- Excellent adhesion
- Excellent penetrating properties.
- Medium curing, depending on RH.
- Excellent bond to PU top coats.

Application areas:

FB 303 is used as primer in conjunction with polyurethane range of floor toppings.

Direction to use:

- Before primer application, CDS (Clean, Dry & Sound) test is conducted on the concrete.
- Moisture test is conducted by moisture meter or plastic sheet method (ASTM D4263 : Standard test method for indicating moisture in concrete). The residual moisture should not be more than 4-5%
- Surface preparation like scarification, grinding or shot blasting is done to achieve a surface profile of 150-200 microns.
- Stir FB 303 well.
- Apply by roller / brush.
- Allow to cure for 5-6 hours.
- The primed surface is now ready to receive screed / top coat.

Typical physical properties:

Type	Moisture cured urethane
Mixing ratio (R:H)	Single component
% Solids	50%
Colour	Brown coloured, transparent
Finish	Glossy
Flash point	Above 30° C
Surface dry	3-4 hours
Tack free dry	8 hours
Hard dry	24 hours
Theoretical Coverage	9-10 sqm per litre @ 50 microns thickness
Clean up	PUT 502
Shelf life	6 months in the unopened container.