



ENDURA CEMENTITIOUS WATERPROOFING 140-003



Specially formulated acrylic polymer to be mixed with cement for waterproofing and protection of concrete substrate. It provides excellent adhesion and flexibility that can withstand hydrostatic pressure.

Application Guide:

Substrate Preparation

Surface must be clean, sound and free from foreign materials.

Moisten the substrate using a sponge or cloth before application.

Application:

Vertical Substrates:

- Apply first coat on the prepared substrate by brush or roller. This coat works to fill all the pores or bubbles.
- Let the first coat dry for 1-2 hrs before applying the second coat.

Horizontal Substrates:

- Apply the 1st coat on the prepared substrate by brush or roller. This coat works to fill all the pores or bubbles.
- Let the first coat dry for 1 to 2 hrs before applying the second coat.
- Apply 3rd coat. Suggest total layer thickness 2-3mm.
- Let cure for 24 hrs prior flooding or shower test.

Performance Properties:

Workability:	30-60 mins
Pot Life:	1-2 hours
Setting Time:	60 mins (depending on weather condition)
Final Setting Time:	4-6 hours
Tensile (ASTM D412):	≥ 1.0 MPa
Elongation (ASTM D412):	250%
Bond Strength (ASTM D7234):	14 days 1.50 MPa
Water Vapor Transmission (ASTM D1653):	$4g/m^2 \geq$ per day

Coverage Area: 20-25 sqm /pail (depending on surface condition)

Features:



Interior & Exterior



Excellent Adhesion to Concrete



Superior Water Impermeability

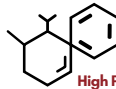


Flexible and bridges hairline cracks



UV Resistant

Uses and Advantages:



High Polymer Content

Polymers serve as binders that enhance the properties of any cementitious material, making it more effective in preventing water ingress, reduced cracking, and overall waterproofing performance especially on extreme environmental conditions.

Applications:



Pre-Tiling Work



Concrete Tank Lining



Firewalls

Areas of Application : Bathroom, Basement, Balconies, Roofdeck, Firewalls, Swimming Pools