

# EUCOPROOF ANTI-ROOT

## ANTI-ROOT WATER-BASED LIQUID APPLIED WATERPROOFING

### DESCRIPTION

**Eucoproof Anti-Root** is a specially formulated water-based anti-root liquid applied waterproofing effective in constraining root growth. The product forms a seamless black coating, elastic, non-permeable to water and resistant to mild chemical solution after curing.

**Eucoproof Anti-Root** has been developed to provide a complete seamless joint-free waterproofing and an effective root inhibitor protecting construction materials from undesirable root penetration.

### OUTSTANDING FEATURES

- **SEAMLESS** – An easy applied joint-free waterproofing and an effective root inhibitor.
- **EXCELLENT ADHESION** – It has excellent adhesive properties to a variety of surfaces.
- **RAPID CURING** – It cures within few hours of application, enabling large areas to be covered in working day.
- **FLEXIBILITY** – Provides a firm but flexible coating within the service temperature range of 5°C to 50°C.
- **CHEMICAL AND WATER RESISTANCE** – Resistant to water, alcohol, most salt solutions and some diluted acids and alkalis. Not resistant to oils, solvents and strong detergent solutions.
- **HEAT RESISTANCE** – The cured film will not flow or sag under direct sunlight.
- **FIRE RESISTANCE** –  
Wet : Non-Inflammable  
Dry : Will burn, but no flame spread.

### TYPICAL USES

**Eucoproof Anti-Root** is suitable for waterproofing :

- Flat Roofs
- Planter Boxes
- Landscape Areas
- Decks and Pool Decks Foundation
- Retaining Wall
- Basement Floor and Wall
- Toilets and Balconies and etc.

### PHYSICAL PROPERTIES

Based on cured material applied in accordance with the recommendation.

Appearance	Wet – Dark Brown Dry – Black
Setting / Drying Time	Under indoor condition at room temperature of 30°C and relative humidity of 80% a wet thickness of 0.6mm shall dry in (4)-hours time.
Shrinkage Factor	Approximately 45% when fully dried.
Flash Point	No flash point. Eucoproof Anti-Root is a water-based material.
Toxicity	Non-Toxic

## TECHNICAL DATA

Parameter	Standards	Specifications
Form / Consistency	-	Non-drip thixotropic paste of brushing consistency
Active Ingredient	-	Preventol B2
Solid Content, %	ASTM D2939	55.0 – 63.0
Density, g/cm <sup>3</sup>	ASTM D1475	0.96 – 1.20
Penetration (cone), dmm	ASTM D217	300 – 380
Tensile Strength, MPa	ASTM D412	≥ 0.2
Elongation at break, %	ASTM D412	≥ 400
Root Resistance	PD CEN/TS 14416 : 2014	Passed

### SURFACE PREPARATION

Surface preparation and cleaning is compulsory to the application area. The application surface must be dry, structurally sound, free of laitance, dirt, dust, oil, grease or other contaminations and loose or friable particles.

All shrinkage and non-moving structural crack shall be rectified by PU Injection Grouting and must be properly repaired prior to receive **Eucoproof Anti-Root** Waterproofing.

### PACKAGING AND STORAGE

**Eucoproof Anti-Root** is available in specially sealed air-tight 20-litre pail.

**Eucoproof Anti-Root** has a shelf life of 12-months in unopened / undamaged pail. Store in a cool dry place. It must not be stored in open sunshine. This material is subject to damage by frost or heat and should be stored at temperature between 5°C – 40 °C.

### HANDLING PRECAUTIONS

Clean hands and tools with cold water when wet and use kerosene or solvents when dry.

### APPLICATION

For excessively dry and porous substrate, it is recommended to prime the surfaces with **Eucoproof Anti-Root** diluting with clean water 1 : 1 and at a coverage of 0.3 – 0.6 liter/m<sup>2</sup>/coat. More porous or absorbent substrates will require a higher rate of coverage.

**Eucoproof Anti-Root** may be applied by squeegee, brush, roller, steel trowel or spray. Stir thoroughly before use to maintain homogeneity.

Apply with at least (2)-layers of **Eucoproof Anti-Root** after the priming coat has dried (2–4 hours). Each coat should be applied with a coverage of 0.6 litre/m<sup>2</sup>/coat. A higher rate of coverage is required for more porous substrates. Allow to completely dry / cure for at least 24-hours and finish by applying a concrete protection screed.