

NovezKote 3000RI Root Inhibitor

DESCRIPTION

The environmentally friendly one-part NovezKote 3000RI is a water-borne product. It uses Preventol B2 to constrain root growth.

Its colour is brownish black and dries to a tough flexible dark black coating.

RECOMMENDED USES

- When applied to specified thickness, NovezKote 3000RI is an effective Root Inhibitor
- It will slow down and ultimately stops the length growth of the roots
- The influence of NovezKote 3000RI on the root growth is localised. Root sprouts in the immediate area which have no contact with the NovezKote 3000RI remain healthy and unaffected.

Combined features of the barrier, the site, and barrier installation and maintenance are critical to effectiveness of NovezKote 3000RI.

ADVANTAGES

- Protects construction materials from undesirable root penetration without damaging plants
- Provides long term protection
- remains effective under harsh pressure
- Heat resistance
- Low vapour pressure
- Economical

APPLICATION

Surface Preparation

- Ensure surface is clean from dust, oil, rust, grease, loose materials, moss etc. Surface should be dry for homogeneous material quality.
- Allow NEW cementitious substrates at least 30 days to fully cure before application.

Priming

- It is good practice to prime surface before applying NovezKote 3000RI. Compatible products are very important. NovezPrime 1000SB is recommended. Good adhesion is critical to avoid blistering.
- Apply NovezPrime 2100WB in a continuous application. Allow primer to dry. More than one priming is sometimes necessary. If the original surface has a high degree of porosity, a second thinned seal coat should be applied.

Coating

- Stir emulsion well before use. Some liquid may be observed on the surface.

- Application by roller or brush. Where spray application is preferred, use larger nozzle size.
- Apply the first coat of NovezKote 3000RI at right angle to the primer coat. Allow to dry between coats and apply each coat at right angle to the previous coats.
- NovezKote 3000RI must be applied into any outlets, recesses, edges, joint intersections and penetration to ensure that there is no uncoated areas which may allow root growth in the desired area. **Placement of barriers should fulfill the objectives of minimizing root-caused damage and maximizing the soil area open for colonization by the plant. Barriers should be installed along or around the infrastructure to be protected.**
- Protect from rain and frost until cured.
- The set-to-touch time is 1 to 2 hours and the curing time is 24 hours.

Authorized Distributor:

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PACKING

NovezKote 3000RI comes in 22 Kg pail and 180 Kg drum.

COVERAGE

For 1 Kg of NovezKote 3000RI, it can covers 1.2 m² to 1.6 m² per coat (dependent on substrate condition).

TYPICAL PROPERTIES	
Total Solid Content	Minimum 65%
Water Penetration	Zero. No water penetration
Water Vapour Transmission	Less than 15 gm/m ² day
Adhesion to Substrate	0.4 N/mm ²
Tensile Strength	Minimum 5 N/mm ² (with Glass Fibre Netting)
Elongation	Minimum 900%
Crack Bridging	No cracks at 2mm and after 10 cycles of stretching and closing to a width of 1mm
Heat Resistance	No sagging, blistering or slipping
Water Resistance	No dispersion, blistering or re-emulsification
Fire Resistance	No combustion or rundown, coating charred in place

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