

Eco Grout + Lithium

Water-Based Acrylic Binder + Hardener for Grouting Concrete Floors

Description

Eco Grout + Lithium is an environmentally friendly water-based acrylic binder + hardener that is used to fill pin holes, air pockets and minor imperfections in the concrete polishing process.

The addition of lithium silicates react during the grouting process creating harder, denser, stronger and more mirrored looking floors.

Eco Grout + Lithium emits zero toxic odours (VOCs) and is water-based, making it safe to use and minimising environmental impact.

Advantages

- Outstanding adhesion eliminating pinholes
- Hardens and densifies producing higher sheen levels
- Superior flexibility reducing dusting and chalking
- Chemical and water resistant to seal the surface
- Virtually odourless and friendly to the environment
- Extremely easy to apply and fast drying

Mix Ratio

Mix 1 part **Eco Grout + Lithium** with 3 parts water (1:3)
Hard Concrete: Mix 1 part **Eco Grout + Lithium** with 5 parts water

Coverage

One coat will cover approximately 5 - 7 square meters per litre when mixed.

Surface Inspection

Surface must be clean, dry and free from grease, loose paint, oil, dust, curing agents or any foreign material that might prevent proper adhesion.

Application

Method 1:

Eco Grout + Lithium should be mixed at a ratio of 1:3 with water.

Mix concrete dust or cement dust into the solution until desired consistency is achieved. Apply with a steel trowel over the surface. Allow to dry and grind off excess with 120 grit diamonds.

Method 2:

Soft concrete - Eco Grout + Lithium should be mixed at a ratio of 1:3 with water.

Hard concrete - Eco Grout + Lithium should be mixed at a ratio of 1:5 with water

Apply liberally onto the concrete surface, keep wet and grind in cement dust with 120 grit diamonds at low speed.

Storage Period: 2 years (5-35°C)

Packaging: 5, 15 & 200 litre plastic containers

Typical Properties

Appearance	Transparent milky white liquid
Main components	Acrylic, lithium silicates
Specific gravity	1.05
Viscosity (#4 Ford Cup)	23 seconds
Spread rate (mixed 1:5)	5 – 7 m ² per litre
Dry time at 25°C (mixed 1:5)	20 minutes
VOC content (undiluted)	20 grams per litre
Flashpoint	Does not burn

First Aid

For safety information or Material Safety Data Sheet call EIC Customer Service on 08 8121 7867.

For emergency please contact 24 hour mobile 0413 075 994.