

GRANITE 203

Chemical Reactive Floor Hardener

GENERAL DESCRIPTION

AXEL GRANITE 203 is a clear, heavily bodied liquid, which combines easily with water for application purposes. **AXEL GRANITE 203** performs by penetrating into the concrete and converting any free lime on the substrate. The conversion will then form hard crystals that will act as a filler to fill up any voids in the concrete, which also at the same time increasing the concrete density.

RECOMMENDED USES

It can be used as a concrete floor hardener and dust-proofer to both old and new concrete floors.

CHARACTERISTICS & ADVANTAGES

- * Dustproof and seal porous floors
- * Penetrates surfaces and chemically converts free lime into a layer of hard crystal
- * Increases chemical resistance to common minerals, oil spillage, etc
- * Hardens concrete surfaces
- * Good penetration

COVERAGE

Theoretical Coverage:

- * 2 coats treatment - 2 litre per 10 m²
- * 3 coats treatment – 2.5 litre per 10 m²

COLOURS

Dry to clear finish

PACKING

20 litre per pail and 200 litre per drum

STORAGE

Store in a dry, cool and shaded place

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions

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SURFACE PREPARATIONS

- * Floors must be thoroughly cured for a minimum of 14 days, dry and free from dust so as to. Readily absorb the hardening liquid.
- * Remove all traces of membrane curing film if present, using power brush equipment where possible.
- * Remove any oil, grease, or other substances on concrete surface using a detergent or other suitable method.

METHOD OF APPLICATION

New Concrete Floors

- * Mix solution of **AXEL GRANITE 203** and clean water in the proportion of 4 litres: 2 litres. Hot water is preferred.
- * Apply this as the first coat and spread evenly avoiding puddles.
- * Allow drying for 24 hours.
- * Check for any accumulation of surplus hardener in low spots.
- * Scrub these areas with a stiff brush and hot water to remove any white deposit
- * Mix second coat in the proportion of 4 litres of **AXEL GRANITE 203** to 1 litre of water.
- * Apply and allow drying for 24 hours before subjecting floor to normal use.

Old & porous Floors

- * Follow directions as for new concrete floors but use 3 applications. The second and third coats however should be diluted as follows:
- * Second coat – 4 litres : 2 litres of water & third coat : 4 litres : 1 litre water

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened and or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of Components	One
Mixing Ratio	Refer to Method of Application
Specific Gravity	1.40
Thinning	Clean Water
Drying Time	Allow 24 hours drying per coat before over coating or placing floor into service
Toxicity	Non - toxic

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