

GENERAL DESCRIPTION

AXEL KRYSTLE KOTE 117 is a single compound liquid waterproofing system designed to waterproof concrete structures by way of conversion of free lime in the existing concrete to crystal thus sealing off any voids with the concrete structure.

AXEL KRYSTLE KOTE 117 properties provide toughness and durability while offering excellent water resistance to water ingress.

RECOMMENDED USES

Used as a waterproofing system to R.C. structures e.g.

- * Basements
- * Retaining walls
- * Water retaining structures
- * Concrete silos
- * Petrol chemical R.C. tanks
- * Fertilization plant

CHARACTERISTICS & ADVANTAGES

- * Easy application
- * Economical
- * Good adhesion to R.C. structures
- * Easy recoating
- * Improves compressive strength of concrete

COVERAGE

Approximately 2-3 m²/kg depending on porosity of substrates

COLOURS

Colourless

PACKING

5 kg and 20 kg per pail

STORAGE

Store in a dry, cool and shaded place

KRYSTLE KOTE 117

Capillary Action Waterproofing System

SURFACE PREPARATIONS

The substrate to be treated must be dry, clean and free from oil, grease and other contaminants. Cement laitance, loose particles, cured membranes, etc. must be removed. New concrete structures should be cured for at least 28 days.

METHOD OF APPLICATION

- * AXEL KRYSTLE KOTE 117 can be applied by brush, roller, conventional and airless spray.
- * Stir well before using.
- * Apply AXEL KRYSTLE KOTE 117 to the floor surface.
- * Allow the surface to touch dry and then proceed with 2nd coat.
- * Allow material to penetrate and dry, then clean off the excess materials on surface with water.

CLEANING OF TOOLS

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

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|------------------------------------------------------------------|
| No. of components | One |
| Specific gravity (28°C) | 1±0.1 kg/l |
| Finishing | Natural. No film forming. |
| Flammability | Non flammable |
| Permeability | Approximately 5×10^{-12} m/s at 10 kg/cm |
| Thinning | Ready to use. No dilution is required |
| Cleaning | Water |
| Drying time (28°C) | Touch dry : 2-4 hours (Dependent on temperature and humidity) |

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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