



ADVAPOXY 1500 SL

Self-Leveling Topping for Floor Concrete/3K



DESCRIPTION

ADVAPOXY 1500 SL is a high gloss, solvent free pigmented epoxy flooring with a wide range of application. ADVAPOXY 1500 SL is colored and chemical, mechanical resistance.

USES

General purpose flooring topcoat that can be applied by trowel to a horizontal surface;

- ▶ Cementitious surfaces
- ▶ Plants
- ▶ Lab's Store
- ▶ Industrial Area

APPLICATION

SURFACE PREPARATION:

New Construction:

- ▶ Concrete floors to be coated should be allowed to cure for at least 28 days.
- ▶ Floor should be sound, clean and free from oils, grease, mortar, loose particles, dusted.
- ▶ Laitance should be removed by the use of mechanical means such as vacuum recovery shot blasting.
- ▶ Moisture content should be less than 5%

Existing Substrate:

- ▶ All Contamination must be removed and a sound clean substrate should be exposed.
- ▶ Mechanical means of preparation are preferred followed by the removal of dusts and other loose debris using an industrial vacuum.
- ▶ All cracks and minor damage surface should be repaired and allow to dry prior to priming.

RECOMMENDED SYSTEM:

- ▶ To be applied on prepared surface.
- ▶ ADVAPOXY PRIMER: 1 coat
- ▶ ADVAPOXY 1500 SL: Thick Layer (2-3mm thickness)

MIXING:

ADVAPOXY 1500 SL supplied in 3K (Part A – base, Part B – hardener & Part C – filler). Prior to mixing, stir individual components of ADVAPOXY 1500 SL. Mix the base with hardener approximately for 40 seconds, then add the filler slowly for about 2-3 minutes until it becomes homogenous material.

Power tool is a must to mix the material, don't use your hand because it could lead to areas of uncured material.

Note: Do not add Solvent Thinner at any time.



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COVERAGE

The coverage of ADVAPOXY 1500 SL is 0.45m²/kg for 1800-2000 micron DFT. 1000 micron is equal to 1mm.

HEALTH & SAFETY

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in a well-ventilated area.

CLEANING

Tools use for ADVAPOXY 1500 SL should be cleaned with dry cloth immediately before settling of the product otherwise use Thinner.

TECHNICAL PROPERTIES

Color, dry film	RAL Color
Solid Content	98% ± 2
Finish, dry film	Smooth/Semi-Gloss
Resistance to Chemical Spillage	After 7 days
Pot Life	40 minutes @ 30°C
Dry to recoat/overcoat	24 hours @ 30°C
Cure Time	18 hours @ 30°C
Fully Cured	7 days
Bond Strength (ASTM D4541)	1.5mpa (cohesion failure in the concrete)
Compressive Strength (BS 6319:Part 2)	60mpa
Tensile Strength (BS 6319:Part 7)	>6.1
Shelf Life (@30°C)	18 months in original sealed container with proper storage
Packing	Part A: 16.25 KG Part B: 2.3 KG Part C: 11.5 KG

Note: Temperature, Humidity, Film, Thickness etc., all affect the Drying Time.

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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