

CAPOXY FLOOR-SL

SELF LEVELING EPOXY FLOORING

DESCRIPTION

CAPOXY FLOOR –SL is solvent free durable, Self Leveling type epoxy flooring system, comprised of a tinted, multi-purpose epoxy base and special fillers. The highly flow able epoxy rich system provides an extremely dense, smooth, level floor finish which provides the ultimate in cleanliness and sanitation. It has good chemical, abrasion and excellent impact resistance.

COLOUR

Light gray, dark gray
Other colors available on request.

USES:

Ideally suited for

- Industrial floor where good abrasion and chemical resistance is required
- In production assembly areas, workshops and showrooms.
- Biological laboratories, surgical areas and treatment rooms.
- Dust free component manufacturing and micro component manufacturing units

ADVANTAGES

- Simple application –self leveling provides smooth hygienic seamless surface...
- Resistance to wide range of Industrial chemicals.
- Excellent abrasion resistance, no maintenance required.
- Stress relieving.
- Limited shutdown period required.

PROPERTIES

	@ 20° C	@ 30° C
Pot life min	60	35
Tack free time hrs	4-6	2-4
Initial hardness (foot traffic)	24 hrs	16 hrs
Full Cure	7 days	
Compressive strength @ 7 days : > 600 kg/cm ²		

Resistance to Occasional Spillage

ASTM D-1308

The fully cured coating is resistant to

- Sea water.
 - Ground water.
 - Sewage water.
 - Soaps and detergents
 - Dilute acid.
 - Atmospheric conditions.
 - Abrasion.
 - Vegetable oils, mineral oils and fats.
 - Mold, bacteria and organic growth
- * Specific data is available on request.

DIRECTIONS FOR USE

Surface preparation: Concrete surface must be clean dry and free from all previous sealers, grease, oil and other contaminants, which may impair bond. Remove surface laitance by Sand Blasting or by other mechanical means. Vacuum surface to remove all dust and debris. Newly constructed Floor should be minimum 28 days old.

Priming:

Prime the substrate with **CAPOXY PRIME SPL** Mix the two components for 2-3 minutes using a slow speed drill, with a suitable paddle.
Apply by brush or roller and work well into the surface.

Mixing:

Stir each component separately in clean mixing container with a slow speed drill. Empty the components B in component A and, mix it for 2-3 Minutes or until uniform color attained. Slowly add component C and mix it at slow speed for 2-3 minutes

CAPOXY FLOOR –SL kit is supplied in preweigh pack and should not be split or divided. Do not add solvent or thinners. Application must be halted if the ambient temperature is 10°C. At 30°C and rising temperature working time will be reduced considerably.

Application

Apply **CAPOXY FLOOR –SL** by pouring on the primed surface in order to achieve required

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Thickness apply self adhesive lining of required thickness on periphery of the area spread by notch. Trowel, to destroy foam and to get air free surface, level it by spike roller.

COVERAGE

CAPOXY PRIME :8-10 m² /liter

CAPOXY FLOOR –SL: 4 m²/20 liter kit

Based on 5 mm thick cover

CLEANING OF TOOLS

Clean the tools with **CAP THINNER** immediately after use, remove uncured CAPOXY FLOOR-SL from tools and equipment by using **CAP THINNER** - Cured material may only be removed mechanically.

PACKAGING

CAPOXY FLOOR –SL (A+B+C) : 20 liter kit

CAPOXY PRIME SPL : 1 liter and 4 liter

CAP THINNER : 5 liters

STORAGE

CAPOXY FLOOR –SL should be stored under shade at temperatures between 10⁰ and 30⁰ C.

SHELF LIFE:

12 months in sealed original container, under recommended storage conditions.

SAFETY PRECAUTIONS

Keep container closed when not in use

Keep out of reach of Children

Both components are irritant, prolonged contact with skin or eye may cause sensitization.

LIMITATIONS

CAPOXY FLOOR –SL should not be applied over substrates

- Subject to Hydrostatic pressure.
- On unsound surface

FIRST AID

Skin contact

Wash thoroughly with soap and water.

Eye contact

Flush immediately with clean water and seek medical advice

Respiratory Problem

Remove affected person to fresh air immediately And contact physician.

Hygiene

Wash hand immediately with **CAP THINNER** followed by soap and water.

TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.