

YASH EPO SL 133



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Self-leveling topping for floor surfaces.

Description

YASH EPO SL 133 is a solvent free, epoxy-based self leveling topping that provides floor surfaces with a seamless, hygienic and cosmetically attractive finish.

YASH EPO SL 133 is applied by trowel to horizontal surfaces and has very good durability towards pedestrian and vehicular traffic. It also has very good resistance to many of the chemicals commonly found in an industrial environment (consult our Technical Department for further details). It can be supplied in a variety of colors (consult our Sales Department for details).

YASH EPO SL 133 cures to a durable, hard wearing surface.

Applications

YASH EPO SL 133 is used to provide a hygienic, dense and hard wearing surface for concrete floors for a wide range of applications such as:

- Aircraft hangars.
- Hospitals.
- Pharmaceutical factories.
- Showrooms.
- Laboratories.
- Light industrial plants.
- Kitchens.

Advantages

- Provides hygienic floor.
- Hard wearing system.
- Solvent free.
- Lightweight.
- Available in a wide range of attractive colors.
- Resist a wide range of chemicals, consult YASH technical department for more details.

Method of Use

Substrate Preparation

The substrate must be clean, dry, even, dense and free from oil, grease, dust and other contaminants. A clean surface will ensure maximum adhesion between the substrate and the coating. Concrete floors must have a minimum compressive strength of 25 N/mm² and a maximum concrete relative humidity of 80%

Technical Properties @ 25°C:

Compressive strength:

BS6319, Part 2 1983 : ≥ 70 MPa @ 7 days

Flexural strength:

BS6319, Part 3 1990 : ≥ 28 MPa @ 7 days

Tensile strength:

BS6319, Part 7 1985 : ≥ 10 MPa @ 7 days

Pot life

: 50 - 80 min

Foot traffic

: After 24 hrs.

vehicular traffic

: After 48 hrs.

Chemical curing

: 7 days

Mixed density

: 1.7 ± 0.1 gm / cm³

VOC

: < 20 gm / ltr.

(max. moisture content of 4%), relative humidity can be measured by using hygrometers. Concrete relative humidity should be less than 80% for concrete of 28 days old or more.

Contact YASH Technical Department for further details.

Surface Preparation

Unsound layers and contaminated concrete surfaces must be prepared using mechanical surface removing equipment. In case of areas deeply contaminated by oil or grease, such areas should be treated with hot compressed air.

Priming

Concrete substrates should be primed with YASH EPO COAT Primer S. The primer should be allowed to cure for 24 hours. Use lambs wool roller to apply the primer. More than one coat may be required for highly porous or textured surfaces.

Mixing

Prior to mixing, stir individual components of YASH EPO SL 133. Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the resin, hardener, and color pack into a separate mixing container.

Using a jiffy-type mixer attached to a slow-running electric drill, mix for approximately for 2 minutes.

Once the YASH EPO SL 133 hardener, resin, and color pack have been mixed, transfer the entire contents into a Casco or Creteangle-type mixer, taking care to ensure that the bottom and sides are thoroughly scraped.

YASH EPO SL 133



Start the mixer and transfer to it the entire contents of the YASH EPO SL 133 filler container, taking care to ensure that these are completely dry and lump-free. Continue mixing for approximately 2 minutes. (Never mix YASH EPO SL 133 by hand as this could lead to areas of uncured material.)

Application

Once mixing is complete, transfer the YASH EPO SL 133 to the prime surface at the required thickness by rack. Care should be taken when joining the lanes, to achieve a smooth connection. It is recommended to mask off edges with tape which is then removed while YASH EPO SL 133 is still wet.

Finishing

While still wet, thoroughly spike roll the YASH EPO SL 133.

Remarks

YASH EPO SL 133 should not be applied on to surfaces known to suffer from damp rising.

YASH EPO SL 133 should not be applied at temperatures below 10°C or where ambient relative humidity exceeds 80%.

Cleaning

YASH EPO SL 133 can be removed by YASH solvent prior setting.

Packaging

YASH EPO SL 133 is available in 20 kg packs (11.8 litres). YASH Primer 366 is available in 5 kg packs.

Thickness range

1.5 - 3.0 mm.

Coverage

YASH EPO SL 133: Approximately 5.9 m²/ kit @ 2 mm thick.

YASH Primer 366: Approximately 5 m²/ kg.

Actual coverage can vary depending on the substrate conditions.

Storage

YASH EPO SL 133 and primer have a shelf life of 24 months if stored at temperatures between 5°C and 30°C.

If these conditions are exceeded, YASH Technical

Department should be contacted for advice.

Cautions

Health and Safety

YASH EPO SL 133 and its primer should not come into contact with skin and eyes.

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

Fire

YASH solvent is flammable material and should not be used near a naked flame. Do not smoke near YASH solvent.

Flash Point: of YASH EPO SL 133 and its primer are above 50°C.

More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.

Note : We endeavor to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, due to the fact that we have no direct or continuous control over where or how the products are applied, Yash cannot accept any liability either directly or indirectly arising from the use of Yash products, whether or not in accordance with any advice, specification, recommendation or information given by us.