EPOXY MASTIC E6-133

High-Build Epoxy Mastic
Epoxy Floor Coating

Uses

It is a solvent-free, Solid epoxy floor coating formulated for heavy traffic. It is easy to use a two-pack floor coating. It provides a hard-wearing surface suitable for high-traffic areas as well as foot and rubber-tyre traffic. It can be mixed or spread on anti-slip aggregate to achieve non-slip surfaces up to P

5 according to the AS 4586-2013 for maximum safety. The product is easily applied by roller or brush and is available in a wide range of colours according to the AS 2700 or RAL. This product has been designed according to AS4020 for potable water tank coating

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components

Packaging

The product is supplied in full units as a two-component pack.

Part A	20 KG
Part B	4 KG
Ratio	5:1 by Weight 5:2 by Volume

Curing Times

Dry to touch	4 hours
Hard dry	One day
Full curing	28 days
Recoat interval, Min	8 hours @ 20°C
Recoat interval, Max	72 hours, see REMARKS

Additional Information

Colour	Standard Grey (Non-tintable)
Finish	Gloss
Solid Content (by Volume)-%	98±0.5
Theoretical spreading rate	80 m²/One kit (15 litres)
Flashpoint	28°C/83°F
Specific gravity	Part A 1.93 kg/lit- Part B .9 kg/lit
V.O.C.	Max. 40 gr/lit
Shelf life	1 Year (25ºC / 77ºF) from the time of production. Depending on storage conditions, mechanical stirring may be necessary before use.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust, and other

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contamination. The substrate should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

Surface Preparation

EPOXY MASTIC E6-131 E6-133 should not be applied to floors subject to rising dampness or moisture content higher than 4%. The surface must be prepared and free from oils, chemicals, and any other material that may affect the adhesion, such as concrete curing membranes. Concrete substrates should be at least 28 days old.

Mixing

Do not over-thin as it may affect performance.

Application Method

Method	Roller, Trowel, Brush (touch-up)
Thinner (max. vol.)	Up to 5%
Cleaning of tools	Xylene
Indicated film thickness, dry	200-500 μ by roller
Indicated film thickness, wet	250-550 μ

Conditions: Do not apply when relative humidity exceeds 80% or when the temperature of the surface to be coated is less than 5°C above the dew point.

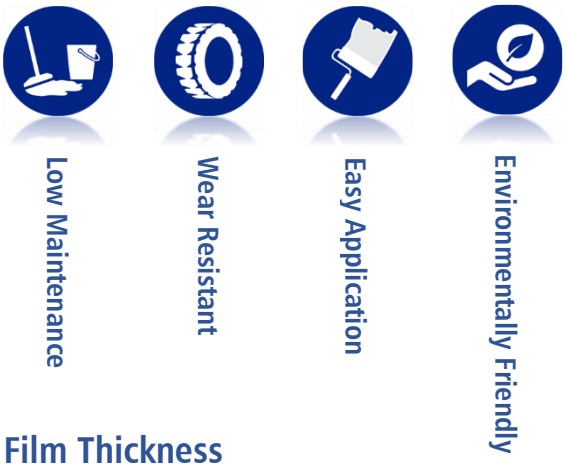
Storage

Time	12 Months in Unopened Packs.
Temperature	Storage temperature between 5°C and 35°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight, and contamination ingress.

Remarks

Preceding Coat	Epoxy primers such as PRIMIT.
Subsequent Coat	Polyurit, Wathane, Indopox, Cindopox

A completely clean surface is mandatory to ensure inter-coat adhesion, especially at long recoating intervals. Any dirt, oil, and grease must be removed, e.g., with a suitable detergent. Salts should be removed by freshwater hosing. To check the adequate quality of the surface cleaning a test patch is recommended before actual recoating.



Film Thickness

May be specified in another film thickness than indicated, depending on the purpose and area of use.

This will alter the spreading rate and may influence drying time and recoating intervals. Normal range is 50-125 microns/ 2-5 mils.

Recoating and drying/curing time

Recoating intervals are related to the following conditions of temperature:

Temperature	Time (Hours)
25°C	8-72
20°C	12-96
15°C	24-96

Safety

Refer to the Safety Data Sheet (SDS) for Dangerous Goods classification.

Mixing Instructions

Before commencing work, ensure that your material is set up by separating all components (e.g., Base A, Hardener B, etc.) to ensure that all

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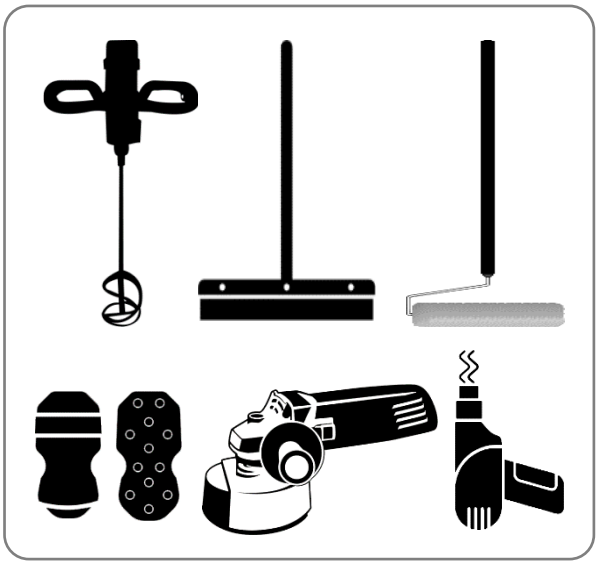
material is correct. Check product labels and ensure there are equal amounts of product.



Site Set-Up

Before commencing work, ensure that your site is set up. Mark the floor according to the specification with masking tape or similar to clearly identify what area (m^2) each unit will cover. If this is not achieved (greater or less consumption than the specified amount), immediately stop and contact Chemstuk.

Surface Preparation

Concrete should be finished with a steel trowel. Surface preparation is to be completed by totally enclosed (light shot blasting) or course diamond grinding. All cementitious laitance must be removed to expose a sound substrate and provide a dry, dust-free, open-textured surface. All hard-to-reach areas and areas around the perimeter must be prepared using handheld preparation equipment. Any damaged areas must be repaired with quick-build mortar. Consult Chemstuk prior to using an alternative repair mortar. Any rough or uneven areas must be made smooth with MASTIC.

Consult Chemstuk prior to using an alternative epoxy Anti-scratch coat.

Application Equipment

It is important to use the correct application equipment, as incorrect application tools can result in poor finishing and incorrect material consumption. Always test the application equipment prior to commencing work. The following equipment is recommended for this application.

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