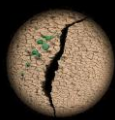




TDS



Technical Data Sheet



Category:
Earth

Technology:
Epoxy

Product: EleDeck Epoxy Top Coat

Epoxy Based High Build Coating

A premium quality high build epoxy floor coating for industrial flooring applications, and also as a top coat for indoor or covered car park applications. Available in a range of standard colours or special colours by request.



Advantages

- ☐ Good impact and wear resistance
- ☐ Tough, flexible
- ☐ Easy to clean
- ☐ High traffic resistance
- ☐ Good protection against fuels and lubricants
- ☐ Good protection against most solvents, acids and alkalis at certain concentration levels

Applications

- ☐ Factory flooring
- ☐ Warehouse floors
- ☐ Indoor car park applications
- ☐ Manufacturing and power facilities
- ☐ Schools and universities
- ☐ Laboratories

SURFACE PREPARATION:

If applied directly to concrete, typically two coats are applied. New concrete should be at least 3 weeks old or the moisture content less than 5% or 75% RH, otherwise a suitable moisture tolerant primer should be applied first. All traces of oils, fats, greases, paint residues, chemicals, and laitance should be removed by enclosed captive shot blasting or vacuum assisted diamond grinding.

For car park applications the **EleDeck Epoxy Top Coat** is typically applied on top of our **EleDeck Polyurea Fast Cure Membrane** or our **EleDeck PU Scratch Coat Primer**

MIXING:

The product is delivered as a two component kit at the correct mixing ratios. The Part A component should be stirred for at least 2–3 minutes. Pour the contents of the Part B component into the Part A container and mix the two components together until homogeneous using a suitable electric mixer (e.g., slow speed drill and paddle) and mix for 2-3 minutes. The product should be mixed carefully to avoid air entrainment.

COVERAGE:

Typical consumption on a smooth surface is 0.35 kg/m². Consumption on an anti-slip surface broadcasted with quartz grain 0,8 - 1,2 mm. grain size; up to 0.6 kg/m². Refer to the relevant EPM specification for details.





TDS



Technical Data Sheet

Product: EleDeck Epoxy Top Coat

APPLICATION:

The top coat is evenly distributed onto a suitably prepared or primed surface with a rubber squeegee or a shorthaired paint roller. Apply sufficient top coat to create a tight top layer. A second coat may be applied but must be applied within 24hours to ensure full intercoat adhesion. The pot life of **EleDeck Epoxy Top Coat** is up to 60 minutes.

CLEANING AND MAINTENANCE:

Clean the used tools with SOLVENT MEK or ethyl acetate before the curing of the product. Residues of cured products can only be removed mechanically.

STORAGE AND SHELF LIFE: Store the product in a dry, well-ventilated storage area between +5 and 35°C. Shelf life: 12 months after production date. Do not discharge into groundwater, surface water or sewers. Dispose of contaminated packaging and residues in accordance with the applicable legal requirements.

SAFETY PRECAUTIONS: Carefully read the safety data sheets before using the product. Avoid skin contact. Always wear personal safety equipment in accordance with the applicable local guidelines and legislation. Gloves and safety glasses are mandatory.

PACKAGING

Product

EleDeck Epoxy Top Coat

Fill Volume/Weight

20kg Unit

TECHNICAL PROPERTIES

Basis:	Epoxy
Colour:	A range of standard colours, or special RAL colours by request
Curing Time (foot traffic/overcoat):	18-24 hours (23°C %50 R.H.)
Application Temperature:	+5degC to +30degC (min. 3degC above dew point)
Pot Life:	60 minutes approximately
Film Thickness	Approx. 200 microns per coat (300g/m2)

The results were obtained by providing optimum environmental conditions.

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.



Turkey: Tel: 0090 546 827 6151 Email: info@elementalperformancematerials.com Web: www.elementalperformancematerials.com
Daire 17, Ak Ör Apartmanı Blok B, Bağdat Caddesi, Sütlüce İstanbul, Turkey

UK: Tel: 0044 8000 680363 Email: contactus@premierconstructionproducts.co.uk Web: www.premierconstructionproducts.co.uk
Premier Construction Products Ltd. 20-22 Wenlock Road, London, N1 7GU, UK