UNIFLOOR HG

Product Description

UNIFLOOR-HG is a high solid coating comprising of epoxy resin and polyamide hardener. It cures to form a glossy protective film for concrete and metal surface
UNIFLOOR-HG keeps your concrete or metal surface easy to clean, dustproof, good chemical and mechanical resistance with beautiful color.

Intended Used

Suitable for interior application and for the area prone to chemicals spillage such as factories, warehousing, showrooms, etc.

Features

- High gloss finished
- Reduces maintenance
- Excellent abrasion resistance
- Good adhesion to aged epoxy coating
- Easy to apply by brush, roller or spray
- Available in a wide range of colors to provide an attractive floor finish

Product Information

Solid by volume :	80 ± 2%
Specific gravity :	1.35 ± 0.10
Color :	Available by catalog
Finish :	loss
Thinner :	UNIFLOOR THINNER NO.1120
Color :	Available by catalog
Wet film thickness :	100 – 150 microns
Dry film thickness :	80 - 120 microns
Pot life :	40 min
Mixing ratio :	4 : 1 (by weight)
Drying time @25°C Touch dry :	4 hours
Hard dry :	24 hours
Fully cure :	7 days

Addition Data

Coverage	The coverage is determined by the application method and the strength of color required.
Pot life	-
Shelf life	1 year

Application Detail

Complete content of part B was poured into Part A and thoroughly mixed with flat bladed paddle in a slow speed drill until completely dispersed.

Airless Spray Tip size :	0.43 – 0.54 mm. (0.017 – 0.021 Orifice)
Pressure :	110 – 150 kg/cm^2 (1600 -2100 psi)
Brush or roller :	Maybe used. However, additional coats may require to achieve the recommended film thickness.
Recommended coating system :	UNIPRIME 50 – 70 microns as primer
	UNIFLOOR-HG 100 – 150 microns as topcoat

Cleaning Tools and equipment should be cleaned by UNIFLOOR THINNER NO.1120 after use

Surface preparation

The concrete surfaces to be coated should be sound dry, clean, and free from dust, rust, oil, grease, paint or other contaminations. Any cracks, seams and honey comb should be repaired prior to coat. Green concrete should not be coated, new concrete floors should be left for a minimum of 28 days before coating. Concrete and associated surface which have been prepared by abrasive methods (i.e scabbing, grit blasting) should be primed with UNIPRIME (allowing 3 – 4 hours to cure before over coating.)

On metal surfaces, remove any loose or flaking material and rust by wire brushing or disc grinding. Shot or grit-blasting is an ideal preparation. Oil or grease should be removed with cleaning solvent and allowed to dry. Coating should be carried out immediately after cleaning. Metal surfaces do not normally need priming unless exceptional adhesion is required, in which case the substrate should be treated with etch primer. All other surfaces, such as timber, hand-floated concrete, may be coat without the use of priming coat unless they are of high porosity, in which case they should be primed in the same manner as abrasive cleaned concrete.

Packaging

16 kg/set (Part A = 12.8 kg, Part B = 3.2 kg) and 4 kg/set (Part A = 3.2 kg, Part B = 0.8 kg)

Storage

Store in a cool dry place, protect from direct sunlight.

Shelf life

12 months when unopened and store correctly

Disclaimer

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. All products should be used in accordance with the Manufacturer's instructions. No responsibility can be taken by the manufacturer where conditions of use are beyond our control. It is the responsibility of the user the obtain the most up-to-date datasheet which supersedes all previous literature. For additional information or questions, contact our sales representative.