

EpoxyShield® 5200 Ultra



Description

EpoxyShield® 5200 Ultra is a quick-drying single pack water-based floor coating (epoxy-modified acrylic) for light to medium duty (normal foot traffic/limited vehicular traffic). Good resistance to diesel, motor oil, coolant fluid, various household chemicals and most types of tyre.

Recommended Uses

EpoxyShield® 5200 Ultra can be applied on concrete floors which are completely clean, dry and treated with EpoxyShield® Sealer 5220. Do not apply to smooth and completely sealed concrete or concrete containing a curing compound. Such substrates will prevent a good adhesion. EpoxyShield® 5200 Ultra can also be applied on old good adhering coatings.

Technical Data

Appearance:	Satin-matt
Colours:	RAL 1015, 7001, 7035, 6005, 6011, English red
Density:	1.16 - 1.21 (depending on colour)
Solids content:	In volume: 38% to 42% In weight: 48% to 52%
Viscosity:	80-100 Krebs Stormer at 20°C
Recommended film thickness:	40µm dry equals 100µm wet
VOC-content:	72 g/l maximum
Ready-to-use mixture:	72 g/l maximum
Category:	A/i
EU limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times	20°C/ 50% r.h.	10°C/ 60% r.h.	30°C/ 50% r.h.
To touch:	2 hours	4 hours	1½ hours
To recoat:	6 hours	8 hours	4 hours
Foot traffic:	16 hours	24 hours	12 hours
Full hardness:	1 week	1 week	1 week

Coverage

Theoretical:	Approximately 9m ² /l at 40µm dry
Practical:	Approximately 9 +/- 2m ² /l. Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.



Surface Preparation

Remove oil, grease and all other contaminants with EpoxyShield® Cleaner/Degreaser 2901 in combination with high pressure cleaning. Allow new concrete to set for at least 30 days before applying a coating.

Remove laitance, loose and damaged concrete by sandblasting or etching with RUST-OLEUM Surfa-Etch 108. Repair all holes and cracks with EpoxyShield® concrete repair products.

Always pre-treat absorbent, porous surfaces with EpoxyShield® Sealer 5220. Roughen or blast well-sealed and smooth concrete and treat with Epoxyshield® Sealer 5220 or apply a coat RUST-OLEUM 3333 Super Adhesive.

Roughen still-intact floor coatings to ensure good adherence. Remove poorly adhering old coatings with wire brush and sandpaper. During application the surface must be clean and dry.

Directions for Use

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

Application & Thinning

Brush:

Product is ready for use, dilution is not necessary.

Roller:

Product is ready for use, dilution is not necessary. Use a nylon paint roller (ca. 12 mm). In case of roller application, it can be necessary to apply two coats in order to achieve the prescribed film thickness.

Cleanup:

Direct after application with water and soap.

Remarks

In order to improve abrasion resistance, the product can be mixed with Rust-Oleum Ultra Wear 400. One package (750 grams) is sufficient for 5-litre product. The mixture must be stirred regularly in order to prevent settling on the bottom of the can.

In case of petrol spilling/leakage, do not wipe the floor dry but let evaporate. The coating will restore itself.

It is advisable to wait for at least one week after application before parking a vehicle.

Safety

Consult Safety Data Sheet and Safety Information printed on the can.

Shelf Life / Storage Conditions

Five years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight, at temperatures between 5° and 35°C.