

# 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 <sup>2</sup> /l at 40µm dry
Practical:	Approximately 9 +/- 2m <sup>2</sup> /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.