

**RUST-OLEUM®**  
INDUSTRIAL



## EPOXYSHIELD® ULTRA



# Single pack water based quick drying floor coating

- For light to medium traffic
- Easy to apply
- Touch dry after just 2 hours
- Satin matt finish
- Good resistance to car tyres and various chemicals

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# EPOXYSHIELD® ULTRA

## DESCRIPTION

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 USE

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

Density (g/cm <sup>3</sup> ):	1,16 - 1,21
Gloss Level:	Satin
Solids Content in weight:	48-52%
Solids content in volume:	38% - 42%

## DRY TIMES BY 20° C/RH 50%

Touch dry:	2 hours (20°C), 4 hours (10°C), 1½ hours (30°C)
Dry to handle:	6 hours (20°C), 8 hours (10°C), 4 hours (30°C)
Dry to recoat:	6 hours (20°C), 8 hours (10°C), 4 hours (30°C)
Fully cured:	1 week (20°C), 1 week (10°C), 1 week (30°C)

## RECOMMENDED WET FILM THICKNESS

100 µm

## RECOMMENDED DRY FILM THICKNESS

40 µm

## THEORETICAL CONSUMPTION

Approx. 9 m<sup>2</sup>/l at 40 µm dry

## PRACTICAL CONSUMPTION

Approx. 9 +/- 2 m<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 RUSTOLEUM 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 CONDITIONS

Temperature of air, substrate and coating material between 10 and 35°C. Relative humidity below 85%. The temperature of the surface must be at least 3°C above the dew point.

## APPLICATION & THINNING: BRUSH

Product is ready for use, dilution is not necessary.

## APPLICATION & THINNING: ROLLER

## APPLICATION & THINNING: 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 2 coats in order to achieve the prescribed film thickness.

## CLEANING OF EQUIPMENT / SPILLS

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 packaging (750 gram) 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 1 week after application before parking a vehicle. Not recommended for floors submitted to prolonged contact with water.

## SAFETY DATA

VOC level:	72 g/l
VOC readymix:	72 g/l
VOC category:	A/i
VOC limit:	140 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

Minimum of 5 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.

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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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