

PRODUCT DATA

EpoxyShield® 5200 ULTRA

Andrews Coatings Ltd
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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
Colour:	RAL 1015, 7001, 7035, 6005, 6011, English red
Density:	1.16 - 1.21 (depending on colour)
Solids Content:	In volume: 38% - 42% In weight: 48%- 52%
Viscosity:	80 - 100 Krebs Stormer at 20°C
Recommended film thickness:	40 µm dry equals 100 µm wet
VOC-content:	72 g/l max.
Ready-to-use mixture:	72 g/l max.
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: Approx. 9 m²/l at 40 µm dry
Practical: Approx. 9 +/- 2 m²/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.

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DIRECTION 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 2 coats in order to achieve the prescribed film thickness.

Cleanup: Direct after application with water and soap.

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.

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.

SAFETY

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

SHELLIFE / STORAGE CONDITIONS

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.