

TECHNICAL DATA SHEET

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Name of product:

Efadeck™ H2O Prestige 0544

Type of product:	Water borne 2-pack polyurethan paint for concrete floors. Mix 4 liters Efadeck™ H2O Prestige with 1 liters of Catalyst 0610 11093.
Application:	Interior concrete floor coating, where good lightfastness, chemical resistance and abrasion hardness is required. Also recommended as lightfast top layer on top of Efadeck™ H2O Heavy, series 0548 .
Properties:	Excellent abrasion resistance. Provides a non-porous surface. Lightfast and can be used where you want a yellow free surface (in e.g. show rooms). Slip resistance: The slip resistance is measured by friction test GMG-200. The result is: 0,59 (Baua: Safe, low likelihood of falling).

Solids:	62 weight %	52 vol. %	Ready to use mixture: Yes
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Pre-treatment:	<p>UNPAINTED FLOOR: The floor must be clean and dry - max. 10 % RH. If the concrete has been steel trowelled to make the surface impenetrable, thorough grinding is recommended (pls. see below).</p> <p>The temperature of the floor has to be at least 3°C above the dew point.</p> <p>PRIMING: Apply Efadeck™ H2O Prestige, thinned. Mix 4 liters Efadeck™ H2O Prestige with 1 liters of Catalyst 0610 11093 and thinned with ½ a liter of water. The paint will be ready to use after thorough mixing. A brush or a broom is preferable for application of the priming coat.</p> <p>NB! By painting on self-compacting concrete / self levelling compound the first layer has to be diluted 50 % with water and the second layer by 25 %. The toplayer must not be diluted.</p> <p>FINAL TREATMENT: Apply a second coat of Efadeck™ H2O Prestige mixed with catalyst after min. 4-6 hours but max. 24 hours drying time. If preferred, this coat may be applied with a roller.</p> <p>Please be advised that Efadeck™ H2O Prestige works best at temperatures >15°C and RH <50%. Lower temperatures and/or higher humidity may significantly extend the drying time and may change the properties of the paint.</p> <p>PREVIOUSLY PAINTED FLOORS: Please contact our technical department for advice. Efadeck™ H2O Prestige will adhere well to floors, previously painted with Efadeck™, series 0451 or Efadeck™ H2o Heavy, series 0548.</p> <p>GRINDING OF CONCRETE FLOORS: Prior to painting a concrete floor, it is necessary to check if the concrete will allow the paint to penetrate and adhere. This may be done by placing drops of water on the concrete surface and observe if the drops remain as pearls on the surface, or if the concrete surface absorbs the water. If the water penetrates the concrete surface, the floor will be ready to paint after cleaning and vacuuming. If the water remains as pearls on the surface of the concrete, the concrete must be ground with a suitable floor grinder or shot blasted. The grinding must be through enough to allow the water droplets to penetrate into the concrete.</p>
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Application:

Method: Brush and roller	Recommended viscosity: No thinning required	Thinner:
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2-Pack Products:

Catalyst 0610 11093	Mixing ratio (volume) 4 : 1	Pot life 8 hours 20 °C
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Drying:

	Drying time	Film thickness - dry
Dry to recoat	4-6 timer hours 20 °C	.
Recoat before	2 day(s) 20 °C	.
Dry to use	2 day(s) 20 °C	.
Fully cured	4 day(s) 20 °C	-
Can be cleaned after	4 day(s) 20 °C	-

Recommended coating thickness:	Wet film: 130 µm	Dry film: 70 µm
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Coverage:	Theoretical: 7 m ² /ltr.
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Storage: Store above 5° C.

Shelf-life: 12 Months in an unopened container

Cleaning: Tools clean with water. Dont clean the floor before it is fully cured. Recommendations from supplier regarding dosage of soap/detergent must be followed. The best cleaning of the floor is done with Efadeck™ Cleaner - see the user instruction.

VOC explanation: Please see the can label for information regarding VOC content.
Product marking: 2004/42/IIA(X)(YY)ZZZ
EU directive number: 2004/42/
Directive annex number: IIA
Product subcategory: (X)
VOC content limit value g/l 2010: (YY)
Maximum VOC Content in this product when ready for use, g/l: ZZZ

Note: The painted floor must not be used before it has dried for 2 days. Cleaning of the floor must not take place before it has dried for 4 days.
NB! Use of strong chemicals on the floor can destroy the surface of the paint and thereby reduce the cleanability of the floor.

Please make sure that the entire quantity of paint needed for the job has the same batch number.

Use of different batch numbers may lead to variations in shade unless the batch numbers are mixed prior to application.

Please note:

Please make sure to establish adequate ventilation during the drying of the paint. The removal of large quantities of water vapour is a prerequisite for the curing of the paint. If the drying conditions prove challenging, use of dehumidifiers is recommended.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their use. It should not, therefore, be construed as guaranteeing specific properties of the product described or its suitability for a particular application. The quality of our products is guaranteed under our General Conditions of Sale.

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