

The high-strength, self-leveling corrosion protection system

REMACOAT D-40 S

REMACOAT is a two-component, solvent free polyurea coating system. Its main features are outstanding processing characteristics such as rapid curing, even at temperatures below 0°C (32°F) and high moisture resistance.

Application areas

REMACOAT D-40 S has a longer gel time feature. This gives the product better self-leveling properties and results in a uniform thickness and a more cosmetically pleasing appearance. **REMACOAT D-40 S** is perfect for industrial floors subject to mechanical and chemical forces.



Secondary containment



Floor coating

Typical fields of use

- Outer coating of ducts and pipelines
- Floor coatings
- Coating of tank bottoms
- Secondary containment

Advantages

- More uniform surfaces
- Good chemical and thermal resistance
- Greater elongation at break than **REMACOAT D-40**
- High mechanical resistance
- Resistant to hydrolysis

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Product properties

Product characteristics	<ul style="list-style-type: none">• Highly reactive, fast-curing, two-component polyurea (polycarbamide) coating system• Solvent free, 0 % V.O.C.• Self-flowing properties of the material (corners and edges)• Distinctly longer gel and hardening times than REMACOAT D-40
Storage stability	<ul style="list-style-type: none">• Max. 12 months• Direct exposure to sunlight or heat should be avoided The DIN-Regulation 7716 must be observed!

Technical data

Specific weight	DIN EN ISO 1183	1.13 ± 0.02 g/m ³
Tensile strength	ISO 37-2005 (DIN 53504)	≥ 15 N/mm ²
Elongation at break	ISO 37-2005 (DIN 53504)	≥ 320 %
Modulus 300	ISO 37-2005 (DIN 53504)	≥ 11 N/mm ²
Hardness	ISO 868-2003 (DIN 53505)	45 ± 5 Shore D
Abrasion	DIN ISO 4649-2006	≤ 160 mm ³
Resilience elasticity	ISO 4462-1986 (DIN 53512)	≥ 33 %
Tear growth resistance	ISO 34-1-2004-Method A	≥ 40 N/mm

Full physical properties are reached after 5-7 days. The technological values indicated were determined after a 28-day conditioning at ambient temperature (T = 23 ± 2° C; air humidity = 40 - 60 %).

Available container sizes	REMACOAT D-40S Poly*	20 kg/240 kg containers
	REMACOAT D-40S Iso	20 kg/224 kg containers

*IMPORTANT NOTE: The poly-components must be very thoroughly agitated prior to use!

The high reactivity of the systems makes it necessary for **REMACOAT coating systems** to be processed exclusively with special two-component high-pressure airless injection machines. These units are available through our worldwide sales and service network.

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