



AM Surface



AM Surface Pool

**Dual-component protective coating based on polysiloxane epoxy resin.
Optimal cleaning properties. For exposed surfaces both indoors and outdoors**



Ideal on concrete and other mineral materials



Outstanding adhesive strength, high resistance



Can usually be applied in a single coat without the need for priming



Simple cleaning in a single work step without the need for chemicals



Good gloss retention, light-stable



Properties

Permanent nanoscale protective coating – without nanoparticles

- Low solvent levels (very high solid)
- Excellent adhesive strength thanks to chemical bond with substrate
- Stable colour and gloss
- UV-resistant and weather-resistant
- Excellent resistance against frost, de-icing salts and chemicals
- High mechanical resistance
- High resistance against water absorption
- High diffusion resistance
- Acid-resistant



Colours

- Available in most RAL and NCS colours



Application

AM Surface Pool is ideal for the chromophoric coating of concrete swimming pools. Long-lasting protection thanks to good adhesion and high resistance



Cleaning

- With water and brush only
- No chemicals or cleaning agents
- In a single work step



Processing

AM Surface Pool can usually be applied in a single coat without the need for priming.

- Simple application using brush, roller or airless spray gun
- In a single work step
- Average coat thickness 120 – 150 µm
- Without priming, additional protective coating or post-processing
- Can also be processed at high humidities of up to 95 % and at temperatures of just above freezing (+3° C)

Preparation of substrate

Depends on the material to be coated. In all cases, the surface must be clean and free of grease, and must be stable. Filling work and priming are not usually necessary.

Processing

- Ambient temperature: 3 to 30° C
- Maximum humidity: 95 %
- **Mixing ratio:**
component A / component B = 7.5 : 1 (by weight)
- Can be diluted with alcohol, ketones and glycol ethers (butyl acetate), maximum dilution 10 %
- Pot life: approx. 4 hours
- Stir component A with an electric mixer.
Add component B in the correct ratio and mix at low speed for several minutes
- Apply the coating with a brush, roller or spray gun with an average coat thickness of 120 to 150 µm
- Material pressure when using airless spray gun: approx. 200 to 250 bar
- Material temperature when using airless spray gun: 20 to 30° C
- Clean the equipment with solvent

Drying

- Drying at room temperature
- Drying time at 20° C: dust-dry in approx. 2 hours, completely dry in approx. 24 hours, completely hardened (cross-linked) after 7 days

Technical data

Bonding agent base	Polysiloxane epoxy resin
Solid volume	> 95% (very high solid)
Average coat thickness	120–150 µm, depending on substrate properties
Yield	3–5 m ² /kg at 150 µm dry coat thickness, actual consumption depends on surface roughness and processing method
Gloss grade	Silky gloss
Thermal resistance	–20°C to +150°C
Delivery	Ready for coating (thixotropic)



Form of delivery

Components A (base) and B (hardener)

- 7.5 kg A and 1.0 kg B, prefilled
- 22.5 kg A and 3.0 kg B, prefilled

Other container sizes available on request



Storage

At least 12 months in dry, cool surroundings in sealed original containers. Protect against moisture and frost



Supplier

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