

SolidLux Clear Coat 720 Matt

Product description

Opaque, solvent-free, matt transparent finishing coat.

Cured by direct exposure to UV light.

- Minimum disruption to floor users
- Immediately resistant to chemical and mechanical pressures after curing
- Accessibility and use are disturbed as little as possible
- Solvent-free
- Can be applied in very low temperatures
- Excellent outdoor durability
- Hardwearing, scratch and impact resistant
- Highly resistant to chemicals
- Easy to clean
- Light anti-slip texture
- Impermeable
- Easy to apply
- Cures independently of temperature

Time is money: a SolidLux floor coating system can be applied with business being carried on as usual and with minimum disruption to your workflow. Another important benefit – which cannot be expressed in monetary terms - is the customer satisfaction of residents, users and the public, due to the minimal disruption of access to (gallery) flats, parking garages or other public spaces by following a carefully planned work order, temporary emergency provisions in many cases may not even be required.

Where can it be applied?

Used internally as part of a hard-wearing and durable finish on marmoleum and linoleum.

Ideal for floors exposed to mechanical and chemical impact e.g. storage and production areas, stairwells and workshops.

Can be applied over new or existing in-tact epoxy or polyurethane based coatings.

Strictly to be used in combination with UV equipment approved by SolidLux.

Colour and packaging

Available in 2,5 kg containers.

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SolidLux Clear Coat 720 Matt (cont'd)

Performance and properties

Binder	UV-cured acrylate-based synthetic resin
Density at 20°C	approx. 1.2 kg/dm ³
Viscosity at 20°C	approx. 80 KU
Solids	approx. 100 volume %
Curing time	Instantly ready for use after curing (direct exposure to UV light)
Gloss gradation	matt, < 10 G.U. at 60°

Instructions for use

Application	Brush and roller
UV curing	Mobile UV curing installation or UV hand-held lamp Distance between the UV lamp and coating should be 35 mm.
Speed of curing	max. 5 m ¹ per minute Over curing can be prevented by keeping the UV lamp in motion.
Dilution	Ready for use
Conditions of use	Temperature of surface must be at least 3°C above dew point to prevent condensation. The surface to be treated may contain a maximum of 4% moisture. Avoid direct sunlight (UV).
Attention points	<ul style="list-style-type: none">- Avoid exposure to direct sunlight (UV) by screening off the area.- Polish cleaner and/or wax coatings must be completely removed to achieve a clean and adhesive surface. Apply coating in test area to assess adhesion. After positive assessment, proceed to complete floor.- Mix coating mechanically before use and after pausing (slow rotation).- Apply with nylon roller (short pile, 4 - 6 mm, depending on the roughness of the surface).- Do not apply a thicker coat than instructed (see theoretical coverage). To prevent thick layers.- Apply only 1 finishing coat of SolidLux Clear Coat 720 Matt.- Directly after application and tight flow cure coating by direct exposure to UV light.- If in doubt that coating is sufficiently cured, cure again with UV light.- SolidLux emits a typical odour.

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Instructions for use (cont'd)

Tool cleaning	Turpentine
Theoretical coverage	At 35 - 50 micrometre wet coat thickness, approx. 20 m ² /kg (approx. 50 g/m ²)
Practical coverage	Depending on application method and structure of surface, 95% of theoretical surface coverage
Coat thickness	35 - 50 micrometre
Precautions	Ensure adequate ventilation during application and drying. Use personal protection such as gloves, eye protection, suitable footwear and clothing. To protect the operator from direct exposure to UV light, a facial screen and complete skin protection must be worn during UV curing. More details and information can be found on the website of your supplier of UV equipment.

Health and environment

BREEAM



Flashpoint	≥ 100°C
Safety regulations	User is responsible for observing respective national regulations concerning safety, health and the environment. For more information and current data consult the most recent version of the safety information sheet.

Article data

Storage	Store in a cool, frost-free place
Maximum shelf life	6 months (in original, sealed packaging)

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