SolidLux Glue 630

Product description

Solvent-free, transparent adhesive coat for non-porous substrates (ceramic substrates and monolith-polished concrete and prefab concrete product) in SolidLux coating systems finished with SolidLux Base Coat 800 and 900 and Top Coat 810, 810 Anti-slip and 910 Anti-slip. Cured by exposure to UV light.

- Excellent adhesion
- Contains state of the art silane technology
- Minimum disruption to floor users
- Immediately repaintable after curing
- Accessibility and use are disturbed as little as possible
- Solvent-free
- Excellent adhesion to monolith-polished concrete substrates, ceramic substrates and prefab concrete product
- Can be applied in very low temperatures
- 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 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?

Can be used inside, as a durable finish on any mineral surface.
As a coating for mechanically and chemically pressured (industrial) floors in warehouses, production areas, parking garages, outdoor terraces, stairs and workshops.
Useable on existing, undamaged epoxy or polyurethane based coatings.
Strictly to be used in combination with SolidLux Base Coat 800 and 900 and Top Coat 810, 810 Anti-slip and 910 Anti-slip and UV equipment approved by SolidLux.

Colour and packaging

1 kg container, transparent.

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SolidLux Glue 630 (cont'd)

Product performance and properties

Binder	UV-cured acrylate-based synthetic resin
Density at 20°C	approx. 1.10 kg/dm³
Viscosity at 20°C	approx. 76 KU
Solids	approx. 100 volume %
Curing time	instantly ready for use after curing (exposure to UV light)
Adhesion strength	> 2.0 N/mm² (ceramic substrate) complies with required EN 1542 norm of 1.5 N/mm² at min. (minimum required tensile strength for concrete surfaces)

Instructions for use

Application	Brush, wiper 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. Surface to be treated may contain a maximum of 4% moisture. Avoid direct sunlight (UV).

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Instructions for use (cont'd)

Attention points	Due to the unfamiliarity with the aggregates, anti-scaling coats, hydration-promoting agents, mould release waxes, etc. used, a test surface must be set up before starting on the job. Once this test surface has been positively assessed by a SolidLux employee, the job can continue. - Avoid exposure to sunlight (UV) by screening off the area. - Prepare surface to assure a clean and solid surface for good adhesion. - Smooth, dense mineral surfaces with SolidLux Glue 630. - Mix coating mechanically before use and after pausing (slow rotation). - Apply with nylon roller (short pile, 6 mm). - Do not apply thicker coat than instructed (see theoretical coverage). Prevent thick layers. - Directly after application and tight flow cure coating by direct exposure to UV light. - When in doubt that coating is sufficiently cured, cure again with UV light. - After curing, directly apply pre-finishing coat of SolidLux Base Coat 800 or 900 and finish with 1 coat of SolidLux Top Coat 810, 810 Anti-slip or 910 Anti-slip. - SolidLux emits a typical odour.
Tool cleaning	Turpentine. No cleaning is required and can be reused if kept away from UV light
Theoretical coverage	At 50 micrometre dry coat thickness, approx. 15 m2/kg (approx. 60 g/m2)
Practical coverage	Depending on application method and structure of surface, 95% of theoretical coverage
Coat thickness	Maximum 50 micrometre
Precautions	Ensure adequate ventilation when applying and while 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.

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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 cool, frost-free place
Maximum shelf life	12 months (in original, sealed packaging)

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