

DATA SHEET: TOPCOAT FIVE

PRODUCT DESCRIPTION:

St. Leo Topcoat Five is a water-based, acrylic coating used to reinforce plaster surfaces and improve resistance to impact, scratches and moisture. Topcoat Five does not result in waterproof surfaces, however it will make the surfaces wipe-able. Topcoat Five does not interfere with the textural expression of the plaster however it will slightly darken the plaster colour profile, increase its depth and add a slight gloss.

PHYSICAL / CHEMICAL DATA:

Packaging size:	1 - 10 litres
Gloss:	04
Type:	Water-based styrene acrylic dispersion. Waterborne, transparent top lacquer.
Colour wet:	White
Colour dry:	Transparent
Consistency:	Thin liquid, similar to paint
Binder:	Acrylic
Solid Contents:	Approx. 33 % by weight
Delivery Viscosity:	Approx. 25-35 sec DIN Cup 4 @ 23 °C. The viscosity of this product is determined using controlled laboratory conditions, methods and instruments. Any measurements made under other conditions may lead to different results.
Density:	Approx. 1,03 kg/l
Thinner:	Water
Shelf life:	24 months in original, unopened package when stored following the storage conditions mentioned below. After the expiry date, contact our technical staff for an estimation of usability.
Storage:	Keep from freezing. Store between 15 and 25 °C under clean and dry conditions. Must not be exposed to temperatures below 5°C.
Areas of Use:	Furniture and interiors.
Paintable:	Yes

APPLICATION:

Overview:	St. Leo's application instructions must be followed for optimal results. Vist stleointeriors.com/application for details. Continuous stirring of the product is not recommended. Great risk that the physical properties may change negatively with increase in viscosity and deterioration of the anti-foaming ability. If larger packaging such as containers are used, contact our technical staff for advice.
Methods:	Rolling, brushing, conventional spraying / Airless spraying.
Conditions:	Between 20-25 °C for substrate, air and material at approx. 55 % R.H.

Viscosity: Conventional spraying: 25-30 sec DIN cup 4 @ 20 °C
Airless spraying: Ready for use, delivery viscosity.

Coverage: Approximately 8 M2 per litre.

DRYING:

Thermal Drying: Temperature (°C) 20 40

Time to (min)

Touch dry 30 10

Sandable 60 15

Stackable 90 30

The curing data refers to 100 g/m² wet film.

Before stacking the objects, cooling is required to ensure that the surface temperature measured in stack does not exceed 30°C. The above drying times are valid on condition that the air circulation and the relevant humidity are suitably adapted to allow the water to evaporate gradually, so that they don't prevent the curing process. Should be cured at min. 18°C.

Additional Drying Information: Ensure good ventilation when drying waterborne products. The drying depends on various conditions, i.e. application method, applied amount, time, etc. Please contact our technical staff for specific data concerning curing conditions on your line.

Dry Film Properties: Gloss approx. 4 GU @ 60°. The final gloss depends on various conditions, i.e. application method, applied amount, drying conditions, etc.

CLEANING & CARE:

Maintenance: For on-going care, the surfaces can be cleaned with a soft brush or wiped gently with a microfiber cloth dampened with water and PH-neutral soap (wring out the cloth to remove all excess water before using it). Do not use soap or chemicals.

Cleaning: Undried/unhardened topcoat can be removed from skin and clothing with water and soap. Tools should be cleaned with water while the product is still wet. Dried/hardened topcoat can be removed with a hard-woven cloth or by softening with acetone.

Waste: The product must not be poured into the drain or sewer due to environmental regulations. Disposal according to local regulations.

Health & Safety: See Safety Data Sheet for further information.