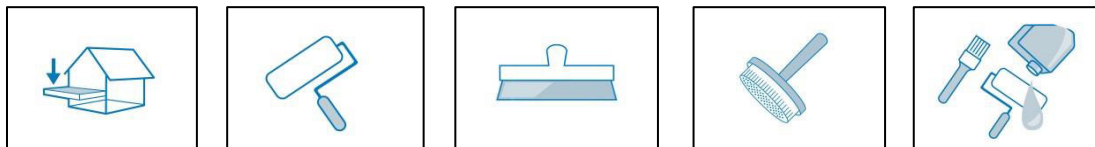


Two Component Solvent Based Polyurethane Top Coat For Floor Coating Systems For Interior & Exterior

Product Description

DisboPUR 630 PU is a superior two-component solvent-based viscoelastic Polyurethane Top coat for mineral floor surfaces with outstanding chemical abrasion and UV resistance. DisboPUR 630 PU creates a smooth or slip-resistant finish in beautiful and practical colors. UV protection is excellent. UV-resistant, viscoelastic, No yellowing and excellent Chemical resistance .



Recommended Use

DisboPUR 630 PU is suitable for interior and Exterior floors as a Polyurethane topcoat on the following:

- Absorbent primed concrete
- Cement bound substrates
- Cementitious or Solvent based Epoxy screeds/Mortars
- Ideal for Warehouses/Hangars/Garages/Schools & Hospitals/Laboratories/Hotels & restaurants/F&B production plants/Ramps & Car Park -Internal and External decks/Pedestrian walkways

Physical Properties*

Volume Solids	50 ± 2%
VOC	433 g/litre
Specific Gravity	1.28
Thinner/Cleaner	PU Thinner
Dilution	5% using PU Thinner
Finish	Gloss
Flash Point	> 25°C
Application Temperature	Min: + 5°C to Max + 40°C
Mixing Ratio	4.40 base: 1.0 hardener
Pack Size Base + Hardener	16.3 Kg + 3.7 Kg =20 Kg 3.30 Kg + 0.70 Kg = 4 Kg
Shelf Life	24 months
Colours	Selected range of colours

The specified values are the mean values. All Data are applicable only for mixed products. The actual value determined for a particular shipment may vary marginally without compromising the suitability of the product. In some markets, local laws may mandate a reduced commercial shelf life. The above is the minimum storage life, after which the paint quality will have to be re-evaluated. Always use the same product batch when applying to seamless surfaces.

Drying Time*

Substrate temperature	10°C	25°C	40°C	
Dry to over coat; Minimum	24	12	6	Hours
Dry to over coat; Maximum	32	48	24	Hours
Ready for use : foot traffic	72	24	12	Hours
Ready for use : Light traffic	5	3	2	Days
Ready for use : Full Cure for Service	10	7	5	Days

*The material cures physically by evaporation. Drying time generally related to air circulation, temperature, film thickness, no of coats and relative humidity. The given data must be considered as guidelines per coat only. The actual drying time before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. The figures given are typical with: Good ventilation (outdoor exposure or free circulation of air), typical film thickness, on coat on top of inert substrate and relative humidity of 70%.

Technical Information Issue: Feb'2024

This document's recommendations and application instructions are based on our most recent technical expertise. We cannot be held liable for its content due to the great variation of particular project requirements. These instructions do not absolve the purchaser or user of their obligation to assess the product's suitability in light of the project's specific requirements. When a new version is published, these instructions are to be regarded as null and void. We retain the right to alter the provided information without additional notice. Our most recent version of our general terms of sale and delivery is applicable.

Technical Data Sheet

DisboPUR 630 PU



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Page 2 of 2

Film Thickness and Spreading Rate on Substrate*

Primer/Base/Sealer Coat

Substrate	Dry film thickness	Wet film thickness	Theoretical Spreading Rate
low/medium/porous/even smooth concrete	120 - 140 µm	240-260 µm	6.7 – 9.6 m ² /Kg
Medium/rough porous/ uneven concrete/Anti-Slip base coats	150 - 180 µm	270 - 300 µm	3.9 – 5.6 m ² /Kg

*Indicated rates are indicative per coat. This indication does not take into account usage for spilling or loss on site. These figures are theoretical and do not allow for any additional material required due to surface porosity, surface profile, variations in level or wastage etc. or application conditions. Coverage on non-slip aggregate would reduce spreading rate considerably. Consumption of the mixed material is dependent on the surface condition, porosity and roughness, and may be higher on very rough or porous substrates. The exact rate of consumption for your particular project is best established by a trial application on site and executed by your desired applicator.

Pot Life / Working Life*

Substrate temperature	10°C	25°C	40°C	
Pot Life	180	120	20	minutes

*Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.

Certificates and Test Values*

*Additional certificates and approvals may available on request or could be arranged if required.

Storage and Handling

- Keep out of reach of children.
- Avoid contact with Skin and eyes.
- 24 months when stored in warehouse conditions below 35°C in the original, unopened packs.
- The product must be kept in in cool, dry well-ventilated space and away from source of heat and ignition.
- Containers must be kept tightly closed and always handle with care.

Health and Safety

- Always make sure there is adequate ventilation while applying and drying.
- When applying paint indoors via spray, use suitable air-supplied breathing apparatus and avoid inhaling vapors or spray. Respiratory equipment needs to be appropriate for the job and meet necessary criteria.
- It is advisable to use appropriate protective clothes, eye protection, a dust mask, and gloves when applying paint.
- If eye contact occurs, rinse with lots of water right away and get medical help.
- To clean droplets from the skin, use soap, water, or an approved skin cleanser. Use or store nothing by hanging anything from a hook.
- Materials and all packaging associated with them must be disposed of safely and in line with all local authorities' regulations.
- Prevent product from entering wadis, watercourses, drains, and soil.
- To be recycled, only empty containers should be used.
- Requests for Material Safety Data Sheets (MSDS) will be honored.

Disclaimer

This technical data sheet's material is based on both laboratory studies and real-world practical experience. It is the user's obligation to confirm that the product is appropriate for the use for which it is intended. Because Caparol has no control over the frequent usage of its goods in improper situations, we are unable to take responsible for any consequences associated with their use. We have the right to make changes to the data sheet's contents at any time and without prior notification. For advice on applications, we suggest speaking with Caparol in order to assure product performance and suitability.

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