

Kadisco 2K PU Sealer

Product Description

A two pack acrylic Polyurethane Sanding Sealer is based on suitably modified polyester containing Zinc stearate and other additives to provide a tough, durable and hardwearing low sheen finish with good flow and film build-up. In addition, this product has:

- a) Excellent leveling and very fast sanding time leading to high throughput
- b) Smooth surface for subsequent topcoats
- c) Good resistant to household chemicals and beverages

Recommended Areas of Application

Area of Use: Interior & Exterior

Substrate: Wood and related substrates

Technical Data

Sheen Variants: Low sheen, smooth

Volume Solids: 40% $\pm$ 2%

Theoretical Covering Capacity		
Recommended Dry Film Thickness per coat		Theoretical Spread rate
Minimum	30 microns	10.60 m ² / ltr.
Typical	40 microns	6.40 m ² / ltr.
Maximum	50 microns	8.00 m ² / ltr.

Practical Covering Capacity
For estimation of practical covering capacity, following factors to be taken into account: surface profile, uneven application, over spray, losses in container and equipment etc.

Drying time	Substrate Temp.	Touch Dry	Overcoating Interval	
			Minimum	Maximum
	25°C	3 hours	8 hours	Indefinite
	35°C	1 hour	6 hours	Indefinite
	45°C	45 minutes	3 hours	Indefinite

Application Data

Method of application: Conventional spray application

Thinner:

Part B:

Thinning ratio (by vol.): Use 5% to 10% for ease of application depending on the method of application.

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Surface Preparation

- Sand the wood surface (new or previously painted) thoroughly using P 180 emery paper first, followed by P 400 emery paper.
- Dust off the surface using rags and wipe off with P.U. Thinner to remove traces of oil, grease, or any organic contaminants. In case of hard wood, make sure it is seasoned for appropriate time prior to application of coating system to ensure minimum quantity of moisture is present.
- Presence of moisture in the wood may cause blistering and poor curing of 2 PK PU system which may ultimately flake off in a short time after application.

Application Details

- Apply appropriate wood filler for filling the grains and sand off the excess filler.
- Apply Kadisco 2K PU Sealer and fine sand it with P 400 sandpaper after 5 – 6 hours drying.
- Dust off the loose powdery particles. Spray Kadisco 2K PU Lacquer after mixing the base and hardener in the specified ratio allowing the mixture to remain for 5-10 minutes before application for effervescences to subside completely.
- If viscosity of base and hardener mixture is found to be higher than the specified application viscosity, Thinner can be added to adjust the viscosity.

TYPICAL PAINT SYSTEM
2 coats Kadisco 2K PU Sealer
2 coats Kadisco 2k PU Lacquer
For alternate system suggestion please contact Sales Representative

Storage, Safety Information and Precautions

- Keep out of reach of children.
- Store in cool, dry conditions; ensure adequate ventilation during application.
- Avoid contact with skin and eyes; wear suitable protective clothing such as overalls, goggles, dust masks and gloves.
- Flash Point: 20° C
- Shelf life up to 12 months from the date of manufacture.

First-Aid

- Eyes: In the event of accidental splashes, flush eyes immediately with warm water and obtain medical advice.
- Skin: Wash skin thoroughly with soap and water, or with an approved industrial cleaner.
- Inhalation: Move patient to fresh air, loosen collar and keep patient rested.
- Ingestion: Do not induce vomiting. Obtain immediate medical attention.
- Dispose in landfill only.

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Disclaimer

The information provided in this data sheet is not intended to be complete. It is the responsibility of the user to ensure that the product used is suitable for the purpose it is meant to serve. In view of various factors affecting the performance of the coating, we cannot assume responsibility for the product performance, nor do we accept any liability arising from use of this product, unless specifically agreed to in writing by us. The information provided in the data sheet may be modified by us without notice.