

Technical Data Primers and Ancillaries

Touchwood Acrylic Pu Sanding Sealer

Product Description

Touchwood Acrylic Polyurethane Sanding Sealer is a specially designed sealer for wooden surfaces, which can be subsequently coated with Touchwood premium quality two-pack PU topcoat. It is based on acrylic resin - isocyanate. The product when top coated with Touchwood Acrylic PU Exterior Top Coats, can withstand very aggressive physical and chemical environments like abrasion, heat, light, alcohol, tea/hot beverages, nail enamel and almost all aliphatic/ aromatic solvents. The product has excellent grain filling property along with non-yellowing characteristics. Touchwood Acrylic PU Sanding Sealer with Acrylic PU Top Coat (silk matt) is a FIRA Approved system.

Recommended Areas Of Application

Area of Use	: Recommended for Interior/Exterior application.
Substrate	: Natural wood, Wood substitutes like plywood, particleboard etc.

Technical Data

Finish	: Satin
Supply Viscosity	: 40-45 sec. at 30-Degree Centigrade by B4 cup
Mixing Ratio	: As per pack size
% Volume Solids	: 32±2%
Pot life of the mixture	: 4 Hrs. at 30°C
Pack Size	: 1 USG, 5 USG
Theoretical Coverage	: 12-13.6 sqm/Lt@25μDFT
Practical Coverage	: Practical coverage may depend upon surface profile, method of application and weather conditions.

	Surface Dry	Touch Dry	Sandable Dry	Recoatability	Hard Dry
Drying Time @ 30°C	1 hour	2 hours	5-6 hours	6-8 hours	7 days
Recoating interval may extend in case of extreme low temperatures or high humidity					

Application Data

Method of application	: Conventional spray at a viscosity of 20-22 Sec
Thinner	: Touchwood Acrylic PU Thinner
Thinning ratio (by vol.)	: 30 – 35 % by Volume

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 PU 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 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 Acrylic PU Sanding Sealer and fine sand it with P 400 sandpaper after 5 – 6 hours drying.
- Dust off the loose powdery particles. Spray two pack Polyurethane Clear top coat 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, Acrylic PU Thinner can be added to adjust the viscosity.

TYPICAL PAINT SYSTEM

Two coats x Touchwood Acrylic PU Sanding Sealer

Two coats x Touchwood Acrylic PU Top Coat

For detailed system recommendation based on specific requirements please contact representative.

Safety Information And Precautions

Storage, Safety Information And Precautions

Storage and Handling:

- Base and hardener should be stored separately in a cool place.
- Avoid contact with skin and eyes, wear suitable personal protective equipments such as overalls goggles, dust masks and gloves.
- Never keep the cans containing base and hardener open.
- Avoid using the base and hardener partly, try to consume the full can in a single use.
- Dispose in a landfill and not in a drain or water channel.

Safety Information

Flash Point : 20° C

Fire Hazard Class : Flammable

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.

This Technical Data Sheet supersedes those previously issued with immediate effect