

Technical Data Primers and Ancillaries

Touch Wood Acrylic PU Pigmented Primer

Product Description

Acrylic polyurethane pigmented Primer based on suitably modified acrylic polyester containing zinc stearate, titanium dioxide and other additives in combination with suitable catalyst provides a tough, durable and hardwearing low sheen finish with good flow and film build-up.

In addition this product has:

- Excellent leveling and very fast sanding time leading to high throughput.
- Good hiding of the base.
- Smooth surface for subsequent topcoats.
- Good resistance to household chemicals and beverages.

Recommended Areas of Application

Area of Use	: Interior/exterior
Substrate	: Wood and related substrates

Technical Data

Sheen Variants	: Smooth
Colours	: White
Volume Solids	: 56 ± 2

Theoretical Covering Capacity	Recommended Dry Film Thickness per Coat		Theoretical Spread Rate m ² / ltr
	Minimum	30 microns	13.30 m ² / ltr.
	Maximum	50 microns	8.00 m ² / ltr.
	Typical	40 microns	10.00 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 Temperature	Sandable Dry	Overcoating Interval	
			Minimum	Maximum
	25°C	2 hours	4 hours	Indefinite
	35°C	60 minutes	2 hours	Indefinite
	45°C	45 minutes	1½ hours	Indefinite
This is a two pack product. Mixing ratio of base to catalyst is 2:1 by volume.				

Application Data

Method of Application	: Conventional spray application.
Part B	: Touchwood PU Hardener # 5.
Thinner	: Touchwood PU Thinner
Thinning Ratio (by vol.)	: Use 10% to 15% for ease of application depending on the gun type.
Available Pack Size	: 5 USG and 1 USG.

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 Acrylic PU system which may ultimately flake off in a short time after application.

Application Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 85% and condensation is likely.
- Surface temperature should be 3°C or more above dew point.
- Stir the contents thoroughly before and during use, with a broad flat stirrer, using an upward lifting action.
- Mix base and hardener thoroughly and full quantity.
- Conventional Spray: Tip Size : 1.4mm
Pressure : 40 – 50 bar.
- Brush or Roller: Recommended only when the area is not suitable for spray application.

TYPICAL PAINT SYSTEM

Timber

1 or 2coats x Touchwood acrylic PU pigmented primer white

1 or 2 coats x Touchwood Acrylic PU Pigmented Topcoats

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

Storage, Safety Information And Precautions

Safety 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 : 23° C
- Shelf life up to 24 months from the date of manufacture of base.
- Shelf life up to 6 months from the date of hardener.

First-Aid

- Eyes : In the event of accidental splashes, flush eyes with water immediately and obtain medical advice.
- Skin : Wash skin thoroughly with soap and water, or with an approved industrial cleaner. Do not use solvents.
- 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.

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

This Technical Data Sheet supersedes those previously issued with immediate effect