



SADOLIN PU

Sadolin Interior PU is a high performance 2 component polyurethane wood finish offering upto 5X more protection, due to its 'Dual-Shield Technology'.

Dual-Shield Technology ensures Dual Layer Protection :

- The sealer layer seeps into the wood and strengthens the inside
- The Topcoat forms a tough coating on the outside to protect from all conditions

KEY FEATURES (Interior PU)

- Excellent resistance to scratches, stains and hotspills
- Excellent wood crack protection
- Excellent water resistance

KEY FEATURES (Exterior PU)

- Excellent resistance to scratches and stains
- Wood crack protection
- All weather durable and UV resistant

APPLICATION AREA

- Interior PU - Interior furniture, doors and window
- Exterior PU - Exterior furniture, doors and window



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APPLICATION METHOD

- Surface Preparation
- Clean the surface using sand paper no. 180 and keep free of dust and grime.
 - Prepare the surface appropriately by filling all surface defects with Sadolin Wood Filler. Ensure complete drying of the filler. Sand the surface with sand paper no. 320/400 and wipe to get a smooth uniform surface.
- Stain
- In case of Sadolin Clear 2K PU apply Sadolin Wood Stains if required. Allow to dry for 1 hr. and do not sand the stained coat. In case of Sadolin Opaque 2K PU, wood stains application won't be required.
- Sealing
- In case of Sadolin Clear 2K PU mix the Sadolin 2K PU Sealer base and hardener in appropriate ratio and thin with Sadolin 2K PU Thinner up to 30-50%. Use this mix within 3 hrs. Apply 2 coats of Sadolin 2K PU Sealer with a minimum interval of 4-6 hrs. between successive coats. In case of Sadolin Opaque 2K PU, mix the Sadolin 2K PU Primer Surfacer base and hardener in appropriate ratio and thin with Sadolin 2K PU thinner up to 30-50%. Use this mix within 3 hrs. Apply 2 coats of Sadolin 2K PU Primer Surfacer with a minimum interval of 4-6 hrs. between successive coats. Sand with sand paper no. 320/400 between coats.
- Topcoat
- In case of Sadolin Clear 2K PU, on a pre-sanded 2K PU Sealer surface apply 2 coats of Sadolin Clear 2K PU topcoat. Mix the Sadolin Clear 2K PU topcoat base and hardener in the appropriate ratio and thin with Sadolin 2K PU Thinner upto 15-20%. Use this mix within 3 hrs. with a minimum interval of 4-6 hrs between successive coats. In case of Sadolin Opaque 2K PU, on a pre-sanded 2K PU Primer Surfacer surface apply 2 coats of Sadolin Clear 2K PU topcoat. Mix the Sadolin Opaque 2K PU topcoat base and hardener in the appropriate ratio and thin with Sadolin 2K PU Thinner upto 15-20%. Use this mix within 3 hrs. with a minimum interval of 4-6 hrs between successive coats.
- Base - Hardener Ratio
- Recommended base hardener ratio by volume:
 - Sealer : Sadolin 2K PU Sealer (Clear) / Sadolin 2K PU Primer Surfacer (Opaque) = 5:1
 - Gloss : Sadolin 2K PU Gloss (Clear / Opaque) = 3:1
 - Matt : Sadolin 2K PU Matt (Clear / Opaque) = 5:1

Apply additional coats of 2K PU Sealer / Primer Surfacer or 2K PU top coat if required.

PRODUCT RELATED INFORMATION

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| Composition: | 2 component polyurethane system |
| Solvent : | Ester and Hydrocarbon solvents |
| 2K PU Clear Range : | Clear - Glossy and Matt |
| 2K PU Opaque Range : | White and Black - Glossy and Matt |
| VOC Level (Theoretical) : | ASTM D-3960, Varies from 500-550 gm/ltr. |
| Gloss @ 60 Deg. head : | >90 for glossy and 15 ± 3 for Matt |
| Flash Point (IS 101/1987, Part 1, Sec 6): | -4°C |
| 2K PU Clear Theoretical Coverage : | Under normal conditions it is 70-80 sq.ft./ltr./coat. |
| 2K PU Opaque Theoretical Coverage : | Under normal conditions it is 80-90 sq.ft./ltr./coat. However this can show wide variation depending on type of wood |
| Pack Size: | 1, 4 & 20 Liters |
| Self-Life: | 2 years (From date of Manufacturing in original tightly closed container away from direct sun light and extensive heat) |

