

SpecAqua PU Natural Ultra Matt

Water based polyurethane wood coating with an ultra matt, natural look and feel

A one component water based polyurethane coating for interior and exterior wood surfaces. SpecAqua PU Natural Ultra Matt provides the surface with a naturally un-coated appearance and feeling and imparts an ultra matt looking surface.

Provides outstanding adhesion, very high resistance to staining, marking and abrasion.

Intended Uses:

SpecAqua PU Natural Ultra Matt is designed for use on interior floors and wooden furniture as a protective coating while retaining the natural appearance of the surface.

It is applied directly to the wood surface in 2 to 3 layers and can be used on top of oiled or stained surfaces to provide additional protection.

Properties:

- Natural appearance.
- Waxy soft touch surface feeling.
- Flexible.
- Abrasion resistant.
- Water based.
- Easy to apply.
- Extreme durability.
- Ultra matt appearance.
- Low water absorption.

Technical Data:

Composition	Polyurethane
Colour	Clear, transparent oxides or pigmented
Gloss Level	Ultra Matt 2.5% @ 60°
Pack Size	1 & 5Lt
Density Kg / Lt (Clear)	1.00
Volume Solids Comp. A	40%
Touch Dry Time	Approximately 20 minutes
Overcoating Minimum @ 25°C	Approximately 6 – 8 Hours
Hardening Time for Light Foot Traffic @ 25°C	Approximately 24 Hours
Thickness	40-50µm (max per coat)
Coverage	10m ² / Lt @ 40 µm
Number of Coats	2 – 3 with sanding in between (220 – 300 grit)
Method of Application	Wool pad, mohair roller, brush or airless spray
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up Solvent	Water
Application Temperatures	Min 10°C – Max 40°C

Wood Coatings

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Typical interior System on Wood Surfaces:

Layer	Product	Consumption
Stain	1C PU Oil or Penetrating Stain	10-15m ² / Lt depending on porosity
1 st Coat	SpecAqua PU Natural Ultra Matt	8-10m ² / Lt @ 40-50 µm
2 nd Coat	SpecAqua PU Natural Ultra Matt	8-10m ² / Lt @ 40-50 µm

NOTE: Maximum 2 coats should be applied per day. If the temperature is low, drying time will be exceeding. If the surface is hard enough to sand without clogging paper, its hard enough to re-coat.

Surface Preparation:

Complete renovation:

All surfaces must be clean, dry & free from contamination. Surface stains & dirt can be cleaned with Timba Bleach. Remove all loose peeling paint, grey loose wood fibres and rinse thoroughly with water and allow to completely dry before painting. Wood should be sanded with a coarse grit followed by a fine grit to remove coarse grit sanding marks.

Wood Cleaner can be used before hand to remove any traces of oils.

Mixing:

SpecAqua PU Natural Ultra Matt is a one component material. It should be stirred well prior to use. If required a maximum of 5% water may be added.

Application:

Apply by brush, roller or airless spray. When rolling a 3/8 nap synthetic roller or a mohair roller will provide a smooth finish. Always maintain a wet edge and apply as evenly as possible to ensure a uniform appearance and avoid lapping. For best results, apply in the shade to ensure surface temperature does not exceed 25°C during application.

Ensure no rain is imminent within 24 hours after application. Cooler temperatures will result in longer drying times. It is advisable to apply the product to a test area and allow to dry completely before coating entire project to ensure desired colour and appearance.

Caution:

- Do not finish in direct sun or on a hot surface.
- Always maintain a wet edge to avoid lapping.
- Do not apply over sealed surfaces. To determine if the surface is sealed, test the absorbency by sprinkling water on it. If it penetrates quickly the surface is ready to finish. If the water beads or does not penetrate, remove the coating / sealer, or allow to weather for 1 to 2 weeks and check the absorbency again.
- Use natural breaks as boundaries to divide large areas into smaller, more manageable one's.
- For best results apply 2 coats.
- Always consult with our technical department if you are unsure about anything.
- Refer to product MSDS for health & safety prior to using products
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.