

# TECHNICAL DATASHEET

**Description** : **UV PU INSULATION COAT**

**Product Number** : **471-238-0000**

**Description** : Colourless waterborne UV-curable insulation coat with good transfer efficiency suitable for roller application. This product promotes excellent adhesion on wood substrates as well as barrier effect avoiding the penetration of reactive diluents from UV sealers into wood. It can be used as stain base tinted with TREFFERT pigment paste series.

## Characteristics

*Viscosity* : 57 - 63 sec. in DIN 6mm at 25°C  
*Density* : 1.0 ± 0.02 kg/l  
*Solid Content* : 33 - 37%  
*VOC* : Max 2%  
*Classification* : Complies with the Environmental Protection Act of 1990.

## Application

*Preparation* : Stir well and check before use.  
*Hardener* : Not applicable  
*Thinner* : Not required  
*Viscosity* : As delivered  
*Film Weight* : Apply 30 - 40 g/m<sup>2</sup>.  
*Mode* : Apply in roller machine with a shore hardness of offset rollers of 40-50 (Isobutylene / Isoprene-Copolymer or EPDM-Prepolymer).  
*Curing* : Semi-cure: 150 - 160 mJ/cm<sup>2</sup>.  
Surface cure: 190 - 200 mJ/cm<sup>2</sup>.  
*Drying* : 30s at 60°C - 80°C circulatory air or 20s ventilated air followed by IR exposure. UV-curing should follow together with the subsequent UV-filler/sealer.

**Substrate** : This product is specially formulated to promote adhesion to wood

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substrate and to TEKNOS TREFFERT COATINGS 661- UV-curable sealers. Please consult our technical staff prior to other applications.

## Storage

*Shelf Life* : 6 months

*Conditions* : Protect from sunlight and frost. Keep container tightly closed and in a well ventilated place. Keep away from sources of ignition, heat and oxidizing substances.

To be stored at 5 - 35 °C.

## Delivery

*Packaging* : Available in 20 kg pails.

*Delivery Time* : Please allow 6 working days of production and transportation.

*Quantity* : Minimum quantity is 20 kg.

**Cleaning** : Clean equipment with water immediately after use.

**Precautions** : Refer to Safety Data Sheet.

**Health & Safety** : Refer to Safety Data Sheet.