

# TECHNICAL DATASHEET

**Description** : **HPC ANTI SCRATCH TOPCOAT**

**Product Number** : **651-206-8000**

**Description** : Anti-scratch acrylic UV-curable topcoat for roller application in the direct coating/printing process of fiberboards and particleboards. Compared to conventional topcoats, the product shows significant improvement in the scratch resistance caused by hard particles or materials. The anti-scratch topcoat does not show any abrasive effect and therefore is sandable and re-coatable.

## Characteristics

*Viscosity* : 40 - 50 sec. in DIN 6mm at 25°C  
*Density* : 1.2 ± 0.02 kg/l  
*Solid Content* : 98 - 99%  
*VOC* : Max 2%  
*Classification* : Complies with the Environmental Protection Act of 1990.

## Application

*Preparation* : Stir well and check before use.  
*Hardener* : Not required  
*Thinner* : Not required  
*Viscosity* : As delivered  
*Film Weight* : Apply 8 - 12 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: 70 - 80 mJ/cm<sup>2</sup>  
Full cure: 130 - 140 mJ/cm<sup>2</sup>

**Substrate** : The product is specially formulated as topcoat to be applied on TEKNOS TREFFERT-COATINGS 661- UV-Curable sealer/ 662- UV-Curtain sealer. Please consult our technical staff prior to other

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## 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** : Use solvent such as butyl acetate for cleaning.

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

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