

# TECHNICAL DATASHEET

**Description** : **W/B BASECOAT V4**

**Product Number** : **231-209-1002**

**Description** : Extra white pigmented waterborne basecoat to be applied in roller machines in the direct coating / printing process of fiber boards and particle boards. Due to good levelling and hiding properties, this product gives an excellent base for further coating with TEKNOS TREFFERT 241 waterborne printing ink and TEKNOS TREFFERT 651 UV-curable topcoat.

## Characteristics

*Viscosity* : 42 - 50 sec. in DIN 6mm at 30°C.  
*Density* : 1.54 ± 0.02 kg/l  
*Solid Content* : 61 - 66%  
*VOC* : Max 3%  
*Pigments* : Does not contain any lead, cadmium or chromate.  
*Classification* : Complies with the Environmental Protection Act of 1990.

## Application

*Preparation* : Stir well and check before use.  
*Hardener* : Not applicable  
*Thinner* : Use water to adjust viscosity if required.  
*Viscosity* : As delivered  
*Film Weight* : Apply 10 - 15 g/m<sup>2</sup> one pass or 30 - 45 g/m<sup>2</sup> on total grammage.  
*Mode* : Apply in roller machine with a shore hardness of offset rollers of 40-50 (Isobutylene / Isoprene-Copolymer or EPDM-Prepolymer).  
*Drying* : 12-15 sec at 120°C jet air with airspeed of 23 m/s.  
50 sec at 150°C circulatory air with airspeed of 5-7 m/s and a circulatory to fresh air proportion 8:2.

**Substrate** : This product is specially formulated to be applied as basecoat on

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TEKNOS TREFFERT 211- waterborne fillers.  
Please consult our technical staff prior to other applications.

## Storage

*Shelf Life* : 12 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* : Except for trial, minimum quantity is 100kg per individual product.

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

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

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