

# TECHNICAL DATASHEET

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

**Product Number** : **231-201-2000**

**Description** : Pigmented waterborne basecoat to be applied in roller machines in direct coating / printing process of fiberboards and particleboards. Due to good levelling and hiding properties, this product gives an excellent base for further coating with TEKNOS TREFFERT 241 - waterborne printing inks and TEKNOS TREFFERT 651 - UV curable topcoats.

## Characteristics

*Viscosity* : 45 - 55 sec. in DIN 6mm at 30°C.  
*Density* : 1.4 ± 0.2 kg/l  
*Solid Content* : 58 - 62%  
*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 required  
*Thinner* : Use water to adjust viscosity if 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).  
*Drying* : 15 sec at 140°C jet air with airspeed of 25-30 m/s.  
30 sec at 130°C circulatory air with airspeed of 5-7 m/s and a circulatory to fresh air proportion 8:2.  
For other drying methods please note that the temperature of substrate's surface must exceed 50°C when leaving the drying

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