

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 subsequent coating layers with TEKNOS waterborne printing ink and 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/m² one pass or 30 - 45 g/m² on total grammage.

Mode : Apply in roller machine.

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 TEKNOS waterborne fillers.

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Please consult our technical staff prior to other applications.

Storage

Shelf Life : 12 months

Conditions : The product should be stored between 5°C and 35°C. Keep container tightly closed and in a well ventilated place. Keep away from sources of ignition, heat and oxidizing substances. Higher temperatures reduce the shelf life. Protect from sunlight and frost.

Delivery

Packaging : Available in 20 kg pails.

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

Cleaning : Clean equipment with water immediately after use.

Precautions : Refer to Safety Data Sheet.

Health & Safety : Refer to Safety Data Sheet.