

General Description:

HYDROTUFF 2K is a catalyzed water – based polyurethane dispersion for interior/exterior wood coating. It is developed to provide a hard resistant film with excellent abrasion yet flexible film.

Major Uses:

It is best recommended for coating floor surfaces, furniture, turn pieces, bamboo canes and the like. HYDROTUFF 2K is available in a satin and semi-glossy finish.

Advantages:

- Excellent hardness
- Flexible
- Non –toxic / Environment – friendly.
- Easy to apply
- Fast Drying.

Characteristics and Physical Properties:

Appearance	Clear
Specific gravity	1.00 kg/L
Viscosity	40-5" FC # 4
Gloss	20/30/50/80
Application condition: Relative humidity Air temperature	5~35°C 85% max.
Application method	Brush/Spray
Mixing ratio	10:1
Drying time@25°C Dust free To touch Recoat Piling	20-30' 45-60' 2-3 hrs 24-36 hrs
Coating rate	7-12 m ² /L

Application Procedure:

- Mix base + hardener with recommended ratio and can be applied by brush or spray. Surface to be coated must be free from dirt and other contaminants. In the remaking of old woods, it is imperative to remove traces of wax, dirt and other oily matter to ensure a perfect adhesion of paints.

- First coat can be diluted with 5-10% with clean demineralised water, and allow to dry for an hour before sanding to remove any raise grain.
- Ensure that HYDROTUFF 2K is applied uniformly and never leave unsealed surface to avoid moisture.

Storage:

Store in the dark, cool and dry places. Shelf life up to 15 months in closed container.

Chemical Resistance:

HYDROTUFF 2K has a good resistance without additives. It is resistant to chemical stabilize from Level 1-B DIN 68861 part I. HYDROTUFF 2K does not contain heavy metal and therefore, it can be use for toys in accordance with European Std'd EN 71-3 for Toy Security.

DRYING

The drying room temperature should not be lower than 15°C and the humidity must be less than 85°C.If the condition is beyond the required temperature, the possibility of slow drying smooth film and less chemical resistance. It is recommended for a good dry by force drying w/o humidity starting from normal temperature up to 30°C.

PILING

Due to the thermoplasticity of the water-based resin, the drying during piling is delicate that may result to a different effect. However, force drying plus Catalyst will improve the risk of piling.

Cleaning of Tools:

All tools should be cleaned with water.

Packing:

Available in 1Usg. and 20 liter Pail

Physiological Hazards:



See Safety Indication Sheet.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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