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PRODUCT INFORMATION SHEET

11-10-10

INTERIOR TIMBER UNDERCOAT

Description:

Fast drying, white or black nitro-cellulose based undercoat for use on interior timber surfaces, such as hardboard, solid timber, veneers, MDF and particle board.

Properties:

High Viscosity
High opacity
Excellent holdout of topcoats
Speed of drying
Ease of sanding
Durability: Interior - excellent when top coated

Application:

Recommended for use as a fast drying sanding undercoat on all timber products where over coating with pigmented lacquers is required. Used by manufacturers of domestic and kitchen furniture, shop fitters, cabinet makers.

For hard wearing surfaces, it is recommended that a HiChem 2 Pack System be used for topcoating.

Do not apply over previously painted surfaces, loss of adhesion may result as this product is designed to fill and penetrate the grain.

Surface Preparation:

All surfaces should be dry and clean and free from all contamination.

Sand carefully and remove dust by blowing down with clean dry compressed air. Apply *Interior Timber Undercoat* to a D.F.T. of 25-40 microns. If desired a second coat may be applied after allowing 5 minutes flash-off time.

Spraying Procedure Over:

Hardboard, M.D.F. and Fine Grained Timbers.

Spray a double-header coat of *Interior Timber Undercoat* allowing 5 minutes flash-off.

Sand with 280-320 free-cut paper after 1 hour drying and dust off.

Spray a double-header colour coat.

Particle Board, open-grained Timbers

Spray a double-header coat of *Interior Timber Undercoat* allowing 5 minutes flash-off between coats.

Sand with 280-320 free-cut paper after 1 hour and dust off.

Spray a double header coat of *Interior Timber Undercoat* allow 1 hour dry.

Sand with 280-320 free-cut paper and dust off.

Spray 1-2 coats colour coats.

Application:

By conventional Spray: Thin *Interior Timber Undercoat* with up to 60% Reducer 285. Apply at a spraying pressure of 35-50 psi preferably through a 2-3 mm spray or putty gun. In hot conditions, Retarder (Code = RET) may be used to improve flow. Stir thoroughly until of uniform consistency.

Suitable topcoats are,

HiChem HiGard Clear Lacquers.

HiChem Polyurethane,

HiChem Iso Free colours and clears,

MOTOSPRAY Acrylics, HiChem 2K Solid colours and Basecoats.

HiChem Enamels (not recommended for hard work areas)

Cleaning:

Clean up with Reducer 285

Container Size:

4 litre

20 litre

Colour: White or Black.

Gloss: Matt

Drying Time: Approximate air dry time at 20°C and 25 microns D.F.T.

Dust Free: 2-3 minutes

Tack Free: 3-5 minutes

Print Free: 10-15 minutes

Hard Dry: 1 hour

Recoating Time: After 1 hour, but improved hold out is obtained if left longer

Solids: By weight 50%

By volume 25%

Approximate Coverage, 10m² per litre at 25 microns D.F.T.

Shelf Life: 12 months minimum

Flash Point: D.G. Classification 3.1

Standard Packaging and Product Codes:

Interior Timber Undercoat	White	Code = ITUW20, ITUW4
	Black	Code = ITUB20, ITUB4

Health and Safety: Refer to the safety guidelines set out on the labels and the Material Safety Data Sheets

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.