

TECHNICAL DATA SHEET

POLYURETHANE VARNISH

DESCRIPTION:

Douglas Polyurethane varnish is a single pack product of exceptional durability based on urethane alkyd. For interior use only.

RECOMMENDED USE:

It is perfect for kitchen furniture, worktops and internal doors.

AVAILABILITY:

0.25 litre, 0.5 litre, 1 litre, 2.5 litre

FINISH:

See remarks section

COLOUR:

Clear

TYPICAL S.G. (SPECIFIC GRAVITY):

0.91 to 0.97 @ 20 °C

VOLUME SOLIDS:

48 to 50%

WET FILM THICKNESS W.F.T

70 microns

DRY FILM THICKNESS D.F.T

30 to 35 microns

EXPECTED SPREADING RATE:

14 sq.m / litre

@ 30 microns D.F.T.

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

TYPICAL VISCOSITY:

2 Poise @ 25 °C

FLASH POINT:

Above 32 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 2 hours @ 20 °C

Hard dry: 12 hours @ 20 °C

Full hardness: 5 to 7 days @ 20 °C

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

MINIMUM OVERCOATING TIME:

12 hours (Overnight)

APPLICATION SPECIAL CONDITIONS:

Interior only

VOC CONTENT:

Max 399 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush or roller

Thinner Thinners 14
(Max vol): (10%)

Nozzle size: N/A

Nozzle N/A
pressure:

Cleaning Thinners 14
solvent:

Recoat 12 hours
interval: (Overnight)

SURFACE PREPARATION:

All surfaces should be clean, dry, sound and free from contaminants.

New wood should be sanded prior to coating to ensure an adequate "key" is produced.

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DOUGLAS POLYURETHANE VARNISH

Existing painted surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose, flaking material and treat bare areas as new substrate then prepare accordingly.

MIXING INSTRUCTIONS:

Important on all products to ensure no sediment is left on the bottom of the can and product is thoroughly mixed. This is required to ensure a consistent sheen level throughout the application.

APPLICATION CONDITIONS:

As dictated by normal good painting practice. In confined spaces, provide adequate ventilation during application and drying.

PRECEDING COAT:

N/A

SUBSEQUENT COAT:

Douglas Polyurethane Varnish

REMARKS:

Available in Gloss, Satin. For Interior only.

HEALTH AND SAFETY:

See safety data sheet - Gloss SDS 10658, Eggshell, Matt and Extra Pale Flat SDS 10655

ISSUED:

12 May 2010

REVISION:

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For further advice contact Coo-Var Technical Services on +44(0)1482 328053

The physical constants are subject to normal manufacturing tolerances.

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