

INTUSAYF CLEAR

1 General Description

A solvent based clear varnish fire retardant intumescent which in the event of a fire in excess of 200° C, first softens and then expands to 20 times it's applied thickness to form an insulated foamed carbonised char. Intusayf Varnish provides fire resistance to wooden structures when applied in accordance with manufacturers specifications as well as maintaining the authentic wooden finish.

2 Physical Properties

Viscosity	:	Brookfield/ 400cps/ spindle 3/20
SG	:	1.180g/cm ³
Touch dry	:	1 - 2 hours
Full cure	:	20 hours
Overcoating period	:	16 hours
Shelf life	:	12 months in unopened tin
Volume Solids	:	45%
Spread rate	:	6m ² /l to give w.f.t. 170 microns, and d.f.t of 75 microns per coat
Total recommended d.f.t	:	250 – 300 microns
Number of coats	:	3 coats
Colour range	:	Clear
Flash point	:	10° C
Packaging	:	5 Litre 25 Litre

3 Surface Preparation

Remove all dust, dirt or existing coatings.
Apply directly to uncoated and untreated timber.

4 Application

Can be applied by brush, roller or spray equipment

5 Thinning

If absolutely necessary can be thinned 5% by volume with Intusayf Thinners

6 Cleaning of equipment

Clean equipment with Intusayf Thinners immediately after use.