

# TECHNICAL DATA SHEET

supersedes previous issue dated 04/08/05

**TU 148/13****WHITE PIGMENTED POLYURETHANE BASECOAT**

Area of use:	Chairs, turned parts, flat parts, MDF.		
Method of use:	Spray gun, curtain coater		
Mixing procedure:		by weight (kg)	by volume (l)
Part A:	TU 148/13	100	100
Part B (hardener):	TH 780	40	50
Thinner:	DT 1150	10-30	10-35

**Technical characteristics**

Solids content (%):	69 ± 2
Specific gravity (kg/l):	1.450 ± 0.030
Viscosity (at 20°C):	Part A: 20" ± 2" (DIN 8) A+B: 22" ± 3" (DIN 4)

**General characteristics**

Pot-life at 20°C:	3 hours
Recommended application weight (g/m <sup>2</sup> ):	max. 200 per coat
Interval between coats:	min. 50' - max. 4 hours
Number of coats:	max. 3
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free 10' Touch dry 35' Stackable 8 hours
Forced drying (100 g/m <sup>2</sup> ):	air ventilation 10' hot air at 50°C 50' air ventilation 15'
Sanding:	Wait at least 12 hours.
Overcoating:	Wait at least 12 hours. Apply PU or NC topcoats.
Shelf-life:	If the product is properly stored, shelf-life is unlimited. After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

**Substrate preparation**

Thorough sanding and cleaning of bare wood.

**General characteristics**

TU 148/13 is a general purpose white basecoat for flat parts and profiles which exhibits a good hiding power also on sharp edges, a good vertical hold when applied with fixed guns and excellent sanding.

**Alternative hardeners**

- TH 767 at 40% for excellent wetting and flow, but slower drying - solids content 24 ± 1, specific gravity 0.950 ± 0.030
- TH 793 at 40% for a faster drying with good elasticity (particularly suitable for spray applications) - solids content 25 ± 1, specific gravity 0.934 ± 0.030

**Warning**

Elasticity of TU 148/13 is high but not capable of coping with exaggerated movements of the substrate which may occur when using plywood obtained from soft wood species, thick MDF or

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beehive veneered panels. The user shall carry out preliminary tests in order to make sure that the substrate does not cause cracks. Moreover we advise against exceeding the recommended application weight and never to use hardeners different from those mentioned on this technical data sheet.