

Technical Data Sheet

TU0148/13

WHITE PIGMENTED POLYURETHANE BASECOAT

Supersedes previous issue dated 07/10/08

DATE 05/28/12

Area of use:	turned parts, flat parts, frames, MDF.
Method of use:	Spray gun, curtain coater.
Mixing procedure:	by weight (kg)
Part A:	TU0148/13 100
Part B (hardener):	TH0780/00 40
Thinner:	DT1150/00 10-30

Technical characteristics

Solids content (%):	69 ± 2
Viscosity (at 20°C):	Part A: 20" ± 2" (DIN 8) A+B: 22" ± 3" (DIN 4)
Specific gravity (kg/l):	1,450 ± 0,030

General characteristics

Pot-life at 20°C:	3 hours
Recommended application weight (g/m ²):	max.200 per coat
Interval between coats:	min. 50' - max. 4 hours
Number of coats:	max. 3
Drying time (100 g/m ² at 20°C):	Dust free 10' Touch dry 35' Stackable 8 hours
Forced drying (100 g/m ²):	air ventilation 15' 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 (months):	36 After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

Substrate preparation

Thorough sanding and cleaning of bare wood.

General characteristics

TU0148/13 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

- TH0767/00 at 40% for excellent wetting and flow, but slower drying – solids content 24 ± 1 .
- TH0793/00 at 40% for a faster drying with good elasticity (particularly suitable for spray applications) – solids content 25 ± 1 .

Warning

Elasticity of TU0148/13 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 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 as well as using hardeners different from those mentioned on this technical data sheet.