

# TECHNICAL DATA SHEET

supersedes previous issue dated 19/05/06

**TU 213/22**
**BLACK POLYURETHANE BASECOAT**

Area of use:	Turned parts (picture frames and chairs), MDF, flat parts, polyurethane foam.		
Method of use:	Spray gun and curtain coater.		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TU 213/22	100
	Part B (hardener)	TH 713	40
	Thinner	DT 1150	20-30
			100
			50
			30-40

**Technical characteristics:**

Solids content (%):	72 ± 2
Specific gravity (kg/l):	1.360 ± 0.030
Viscosity (at 20°C):	30" ± 3"

**Substrate preparation**

Thorough sanding and cleaning of bare wood.

**General characteristics**

Pot-life:	3 hours
Recommended application weight (g/m <sup>2</sup> ):	Min. 100 - Max. 200 per coat
Interval between coats:	Min. 50' - Max. 5 hours
Number of coats:	Maximum 3
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free 10' Touch dry 50' Stackable 8 hours
Forced drying (100 g/m <sup>2</sup> ):	Forced air 20' Hot air at 50°C 60' Forced air 20'
Sanding:	Wait at least 12 hours.
Overcoating:	Wait at least 12 hours, then apply polyurethane or nitrocellulose pigmented topcoat.
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.

TU 213/22 basecoat has excellent drying, excellent manual and mechanical sandability and good pore wettability. Its special formulation combines good hiding power with maximum elasticity. Its degree of grinding is ideal for avoiding problems with filters and nozzles, so it can be applied by spray gun and curtain coater.

**Alternative hardeners**

- TH 711 at 30% is recommended for application on chairs to ensure good drying speed and sandability.
- TH 767 at 30% is recommended for application on polyurethane foam to ensure good gripping.
- TH 793 can be used at a concentration of 30% by weight and 40% by volume exclusively for applications with fixed spray guns on profiles up to a maximum of two coats.

**Special instructions**

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.

# TECHNICAL DATA SHEET

supersedes previous issue dated 19/05/06

**TU 213/22**

**BLACK POLYURETHANE BASECOAT**

Although TU 213/22 has high elasticity, it is clearly unable to compensate for excessively large movements of the substrate. The user must verify beforehand whether the substrate causes cracking, particularly in the case of soft plywood, thick MDF or beehive veneered panels. Do not exceed the recommended application weights and never replace the recommended hardener.