

## Technical Data Sheet

### TU0132/00 HIGH-BUILD POLYURETHANE BASECOAT FOR ELECTROSTATIC APPLICATION

Supersedes previous issue dated 28/05/12

DATE 06/11/12

Area of use:	Chairs, turned parts.		
Method of use:	Normal and electrostatic spray guns, including robot, spinning disk and rotating gun.		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TU0132/00 100	100
	Part B (hardener)	TH0727/00 50	50
	Thinner	DT0040/00 20-40	20-40

### Technical characteristics:

Solids content (%):	46 ± 1
Specific gravity (kg/l):	0.970 ± 0.030
Viscosity (DIN 4 at 20°C):	Part A: 53" ± 5"
	A + B: 22" ± 5"

### General characteristics

Resistivity (Mohm/cm):	25 ± 5
Pot-life:	4 hours
Recommended application weight (g/m²):	Min. 80 - Max. 180 per coat
Interval between coats:	Min. 30' - Max. 120'
Number of coats:	Maximum 3

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*Company under the direction and coordination of The Sherwin-Williams Company, USA*

Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free	12'-15'
	Touch dry	25'-30'
	Stackable	1-2 hours
Forced drying:	Flash off	10'
	Hot air at 50°C	30'
	Cooling	10'
Shelf-life (months):	36	
	After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.	

Basecoat with excellent wettability, build and manual sandability.

### Substrate preparation

AC0600/XX waterborne stains mixed with binder XX4130/00, or XM7100/XX or XM8000/XX solvent-based stains.

### Alternative hardeners

TH0780/00 at 50% is recommended to achieve maximum elasticity.

### Special instructions

With spinning disk, rotating gun or robot applications and during summer, DT0040/00 thinner can be replaced with DT0041/00, which is slower-drying and allows better wettability.

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