

## Technical Data Sheet

## TU0137/00 CLEAR POLYURETHANE THIXOTROPIC BASECOAT

Supersedes previous issue dated 04/06/12

DATE 08/11/12

Area of use:	Flat parts, turned parts, assembled furniture, profiles.
Method of use:	Normal and electrostatic spray guns, including robot, spinning disk and rotating gun.
Mixing procedure:	by weight (kg)
Part A	TU0137/00 100
Part B (hardener)	TH0779/00 50

### Technical characteristics:

Solids content (%):	45 ± 1
Specific gravity (kg/l):	0.970 ± 0.030
Viscosity (DIN 4 at 20°C):	26" ± 3"

### General characteristics:

Pot-life at 20°C:	2 hours
Recommended application weight (g/m <sup>2</sup> ):	Min. 80 - Max. 140 per coat
Interval between coats:	30' – 90'
Number of coats:	Max. 2
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free 12'-18' Touch dry 20'-40' Stackable 2-3 hours
Forced drying (100 g/m <sup>2</sup> ):	Flash off 10' Hot air at 50°C 40' Cooling 10'
Sanding:	Wait at least 90'
Overcoating:	Wait at least 90'
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.

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

TU0137/00 ensures vertical hold and an excellent pore wetting.

It also exhibits a very good build and a very easy sanding both manually and by scotch-brite.

It has been expressly designed to reduce solvents emissions during application.

Even at very low application weights (lower than 80 g/m<sup>2</sup>) it enables to achieve the same build as conventional basecoats.

As an alternative to TH0779/00, we suggest TH0775/00.

### Substrate preparation

With waterborne stains AC0600/XX with binder XX4130/00 or XX4180/00 by dipping

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