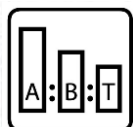


Technical Data Sheet

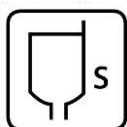
223T Series

K.223T

TECNOPOL TIXO – SMALTO PUR 2K S.O.



1000 g +
400 g +
50-150 g



18"-22" FORD 4
at 20 °C



Ø 1.2 – 1.4 mm
4-5 atm
No. of coats: 2



At 20 °C: 18-24 hours
At 60 °C: 30-40 mins

PRODUCT DESCRIPTION:

A finish based on saturated hydroxyl-modified polyester resins and an isocyanate adduct, to be mixed immediately before use. Enamels produced using **K.223T** resin are characterised by their fast drying time, high hardness, elasticity and resistance to common solvents. Good weather resistance.

APPLICATIONS:

General use, machine tools, metal fabrications, earth-moving machinery (ACE), metal furniture or wherever optimal performance is required from both an aesthetic and functional point of view.

SURFACE PREPARATION:

The product requires the prior application of an undercoat-primer from the epoxy range (our **193** or **190** series) or the acrylic range (our **794** series).

PRODUCT PREPARATION:

Thoroughly mix Component A until the colour and consistency are uniform. Then mix with Component B in the ratio indicated below.

		<u>By weight</u>	<u>By volume</u>
Comp. A	K.223T + CZ.265 colouring paste	100 parts	2 parts
Comp. B	(Standard)	40 parts	1 part
Alternatively:			
Comp. B	CZ.280 (Rapido)	40 parts	1 part

Dilute the thoroughly mixed compound with 5%-15% of our polyurethane thinner **D.219** or **D.737** to the desired viscosity.

PRODUCT SPECIFICATIONS:

PRODUCT TYPE	: Two-components
FILM APPEARANCE	: Matt (mat)
COLOURS	: As required
SPECIFIC GRAVITY	: 1.17 kg/l (\pm 0.05)
SUPPLY VISCOSITY : 26" \pm 4" DIN 8 at 20°C	SOLID
CONTENT (comp. A) : 60% (\pm 2%)	
DRYING TIME	: - <i>Dust-free</i> : 15–20 minutes at ambient temperature - <i>Non-tacky</i> : 3.5–4 hours - <i>Thorough drying time</i> : 18–24 hours at 20°C - <i>Forced drying</i> : 30 minutes at 60°C - 70°C
RECOMMENDED COATS	: One cross-coat.
OPACITY	: 30 Gloss (\pm 5) depending on the colour and thickness applied
RECOMMENDED THICKNESS	: 50–70 μ m DFT
THEORETICAL COVERAGE ^(*)	: 8.8 m ² /L or 7.6 m ² /kg at 50 μ m dry
POT- LIFE AT 20°C	: 2.5 hours. At higher temperatures, the pot-life decreases

(*) In a 75/25 ratio with P.900

RECOATABILITY:

Wet on wet or after a minimum of 12 hours, following sanding of the varnish film.

SAFETY PRECAUTIONS:

Strictly adhere to the instructions on the label and in the safety data sheet.

STORAGE CONDITIONS:

The storage area must be dry and at a temperature between +10 °C and +35 °C.

The data and information contained in this data sheet are based on our experience and on thorough laboratory tests. However, as the varnishing process involves a series of operations beyond our control, this information does not in any way constitute a guarantee of the final performance of the process itself.

Rev.: 01/24