

TECHNICAL DATA SHEET

POLYURETHANES

TM4040-00..

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Description	polyurethane transparent top coat
Main use	tables, cabinet doors, panels
Properties	very fast curing, covering power: good, non-yellowing, surface hardness, burnish resistance: very good

TECHNICAL DATA

Binders	alkyd resins, hydroxylated polymers		
Pigments, extenders	matting agents		
Solvents	esters, ketones, aromatic hydrocarbons		
Viscosity	47 ÷ 57		s DIN Cup 4 at 20°C
Density	0,95 (± 0,03)		kg/l
Flatness	vedi listino/see price list		Gardner 60°
Flashpoint			Method: closed cup
Solid content	36 (± 1)		% by weight
Storage stability	12	months	at 30°C max
Working temperature			Coating, objects and air

PRODUCT PREPARATION

low pressure spraying, high pressure spraying, curtain coater

	low pressure spraying		high pressure spraying		curtain coater	
	% by weight	% by vol.	% by weight	% by vol.	% by weight	% by vol.
Hardener						
Photoinitiator						
Catalyst	TV4271	50	50	50	50	50
Accelerator						
Additive						
Thinner	TT4230	40-50		50-60	TT4310	10-15
Reticulator						
Pot-Life	12-15 h		12-15 h		4-5 h	
Mix. Viscosity	14-16 s		13-15 s		20-35 s	

TECHNICAL INFORMATION

	(20°C)	(50°C)	g/m ²
Dry for stacking	3-4 h	50-60 min	100-140

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Notes:

Alternative hardener (same ratios):

TV4210

(slower curing, longer pot-life)

The product is also suitable for the curtain coater application on UV-curing sealers ('in line' paint system) with 'closed pore' finish.

Data shown are mean values and cannot be construed as product specifications. Users are advised to make their own tests to determine the suitability of products for their own purposes.

FOR INDUSTRIAL USE ONLY

Date: 04/2002