

Sayerlack is a brand of
SHERWIN-WILLIAMS
SAYERLACK S.r.l. - With a Single Shareholder

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 R.E.A. n. 313180 - Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

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

Technical Data Sheet

TZ70**/00 CLEAR ACRYLIC TOPCOAT

Supersedes previous issue dated 28/11/08

DATE 13/07/09

Versions:	5, 10, 15, 25, 40, 50 gloss, 90 high-gloss
Area of use:	Flat parts and turned parts
Method of use:	Curtain coater, spray gun
Mixing procedure:	by weight (kg)
Part A:	TZ70**/00 100
Part B (hardener):	TH0790/00 10
Thinner:	DT1150/00 15-30

Technical characteristics

Solids content (%):	10, 25 gloss	30 ± 1
	5, 15, 40, 50 gloss	28 ± 1
	90 gloss	27 ± 1
Specific gravity (kg/l):	0.920 ± 0.030	
Viscosity (DIN 4 at 20°C):	Part A:	48" ± 3"
	A+B:	35" ± 3"

Substrate preparation

With acrylic basecoat TU0054/00.

General characteristics

Pot-life:	6 hours
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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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Recommended application weight (g/m ²):	Maximum 130
Drying time (100 g/m ² at 20°C):	Dust free 15'-20'
	Touch dry 50'-60'
	Stackable 8 hours
Forced air drying: (100 g/m ²):	Flash-off 15'
	Hot air at 50°C 50'
	Cooling 15'
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.

TZ70**/00 exhibits complete transparency, and good build and smoothness. It is particularly suitable for applications that require high yellowing resistance.

For example:

- coating pale-coloured timbers (maple, birch, ash, fine-line, etc.);
- coating timbers bleached with hydrogen peroxide or other oxidisers (to avoid the severe yellowing problems associated with normal polyurethane products applied on this type of substrate);
- coating white or pastel coloured substrates to protect them from yellowing.

In the first two cases, a non-yellowing basecoat such as TU0054/00 must be applied before the topcoat TZ70**/00.

In open pore systems, TZ70**/00 should be thinned down at 40-50% to promote flow into the pores.

TH0790/00 at 20% can be added in order to improve film hardness; this will also increase gloss level by 5%.

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