

458-1288 Reslack Polyester Clear Sealer

Product codes: 458-1288	Viscosity	Zahn #3 signature cup 28 sec at 77°F
	Flash Point:	-40°F (4°C)
	Density (lb/gal):	8.7
	Solid (% by weight):	97% (reactive)
	Solid (% by volume):	97% (reactive)
	Shelf Life (months):	3

Product Description:

Reslack Sealer Thix is a thixotropic polyester sealer for application when excellent build is required for sealing wood and wood products for interior use. It is based on wax-free polyester resins and provides exceptional filling properties, good flexibility, and excellent sanding.

Uses:

458-1288 is used as a sealer for all types of closed grain finishes and is especially recommended for surfaces where it is difficult to perform a proper sanding.

Environmental Data (as supplied):	VOC less exempt lb/gal:	<5.0
	VOC lb/gal:	<5.0
	VOC less exempt g/l:	<600
	VOC g/l:	<600
	VOC lb/lb Solid:	<1.35
	VHAPs lb/lb Solid:	<0.13 per 40 CFR §63.803(1)(2)

Note:

See individual compliance sheets for specific data

Application Data	Suggested Uses:	Wood Sealer
	Mixing Ratio:	When used as a one-component, mix 100 parts by volume of 458-1288 Reslack Sealer Thix with 2.0 parts by volume of each 881-1202 accelerator and 872-1202 hardener. Note: The accelerator and the Hardener must never come in contact with each other. Add accelerator and stir well, then add hardener and stir well. When used as a two-component, first container mix 100 parts by volume of 458-1288 and 4.0 parts by volume 872-1202 hardener, second container mix 100 parts by volume 458-1288 and 4.0 parts by volume of 881-1202 accelerator. Adjust mixing ratio between containers 1:1
	Suggested Uses:	5-10 mins. Used as a 2 Component 6 hours per side at 68°F
	Application Viscosity:	Zahn #3 28 seconds
	Reducer:	800-5302 or 800-5500 (maximum 5% by volume)
	Retarder:	N/A
	Clean-up Solvent:	800-5500
	Recommended Wet Film:	8 – 10 mils
	Coverage:	N/A

Note:

N/A

Directions for use:

Surface Preparation:

Apply to MDF after sanding substrate with 120/150 grit paper. To obtain maximum adhesion over MDF and for use over wood, application of the urethane washcoat is required. After curing, the washcoat should be sanded with 240 grit paper.

General Information:

Agitate material before use and while adding accelerator and/or hardener per mixing ratio. To ensure product consistency, the mixed material should be agitated at all times. Times between coats for wet on wet spray are about 20 minutes so the sealer will gel in order to give good intercoat adhesion. The topcoat must be applied within 8 hours following sanding of 458-1288 Reslack Sealer Thix. It may be overcoated with ora Verde Chiaro 436-48XX, ora Verde Acrilico 436-38XX or Reslack Clear 458-1290.

With profiled doors, care must be taken with sanding of the primer to avoid sanding through on sharp edges. Complex profiles or profiles with sharp corners may cause difficulties in obtaining an effective prime coat of even film thickness. In these cases, profile design must be discussed with your technical representative. Maximum film build of 458-1288 should not exceed 20 mils dry.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION

Drying Times:

	Room Temperature (20°C / 68°F)	Forced Drying Schedule (50°C / 122°F)
Tack Free Time:	1 hour	20 – 30 minutes
Dry to Sand:	4 hours	Overnight
Dry to Stack:	1 – 2 hours	4 – 6 hours

Note:

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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