

Technical Data Sheet

XM8000/XX SOLVENT BASED STAINS

Supersedes previous issue dated 05/16/06

DATE 03/28/12

Colours available:	07 golden yellow	87 antique walnut	
	08 amaranth	88 walnut brown	
	13 white	90 mahogany	
	14 night blue	92 walnut	
	25 red	93 pale walnut	
	56 cherry	96 rosewood	
	69 orange	S4 yellow	
	72 black	S6 Elba blue	
	76 wenge	S8 green	
	84 Brenner walnut		
	Area of use:	Flat parts, kitchen doors, profiles and turned parts.	
	Method of use:	Spray, wiping, dipping, brush, roller coater	
	Mixing procedure:	Thin down to the desired colour concentration (usually 1:3 to 1:20). Thinner must be selected according to the method of use (see "Possible applications" below).	

Technical characteristics

Average specific gravity (kg/l):	XM8000/XX	0.960 ± 0.030
	XM8000/13	1.820 ± 0.030
Average solids content (%):	XM8000/XX	8.5
	XM8000/13	73 ± 2
Light fastness:	Good for interiors, insufficient for exteriors.	
Recoatibility:	With nitrocellulose or polyurethane coatings. With UV or polyester coatings, an intermediate barrier coat is recommended.	
Shelf-life:	36 months 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.

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

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P. IVA: IT 00494251200 - 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

General characteristics

XM8000/XX are highly concentrated solvent based stains for timber.

They can be thinned with various solvents (see below) and also with water (with the exceptions of colours S4, S6 and S8 which are compatible only with solvents).

Drying speed, depending also on the type of thinner added, is usually very fast. Anyway, it can be increased by means of forced drying systems, such as hot air or IR ovens.

Possible applications

MANUAL, FIXED AND OSCILLATING SPRAY GUNS:

Recommended thinning is between 1:2 and 1:10. DX1131/00 (very fast), DX0986/00 (slower) and water can be used as thinners.

Binders such as AX2004/00 can be added at 5-10% to the thinned stain, to slow down drying and to improve pore marking.

Drying time ranges from 1 minute with DX1131/00 to 15-30 minutes with DX0986/00.

ELECTROSTATIC SPRAY GUNS:

Not recommended.

ROLLER COATER:

Add 10-30% of binder XR5015/00 and, if necessary, thin with DX0982/00 or DX0983/00.

BRUSHING OR WIPING:

Thin with DX0982/00 or with water. In both cases drying is slow and may require hot air.

DIPPING:

Thin with DX0982/00 or with water. In both cases drying is slow and may require hot air.

Not all timbers are suitable for this kind of application. Test first.

WARNING

Disperse any sediment in the bottom of the can by proper mixing.

XM8000/XX can also be added to NC and PU coatings as tinting stains, or used for shading: check the result first.

Excessive thickness of stain, especially white, may cause adhesion problems.

Do not use these stains to achieve a pigmented finishing.

Specific warning for XM8000/13 (white)

Thinners: XM8000/13 can be thinned with water in order to obtain waterborne stains. When thinned with acetone, DX1131/00, DX0986/00, DX0982/00 or DX0983/00, it is important for the thinner to be added slowly and under stirring conditions. No other thinner can be used.

Binders: normally no binder is required. If necessary, use AX2004/00. All the other binders for solvent based products are not compatible.