

TECHNICAL DATA SHEET

supersedes previous issue dated 08/11/04

XM 8000/XX
SOLVENT BASED STAINS

Colours available:	07 golden yellow 08 amaranth 13 white 14 night blue 25 red 56 cherry 69 orange 72 black 76 wenge 84 Brenner walnut	87 antique walnut 88 walnut brown 92 walnut 90 mahogany 93 pale walnut 96 rosewood S4 yellow S6 Elba blue S8 green
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):	XM 8000/XX	0.960 ± 0.030
	XM 8000/13	1.820 ± 0.030
Average solids content (%):	XM 8000/XX	8.5
	XM 8000/13	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:	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.	

General characteristics

XM 8000/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. DX 931 (very fast), DX 986 (slower) and water can be used as thinners.

Binders such as AX 2004 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 DX 931 to 15-30 minutes with DX 986.

ELECTROSTATIC SPRAY GUNS:

Not recommended.

TECHNICAL DATA SHEET

supersedes previous issue dated 08/11/04

XM 8000/XX**SOLVENT BASED STAINS****ROLLER COATER:**

Add 10-30% of binder XR 5015 and, if necessary, thin with DX 982 or DX 983.
XM 8000/13 (white) does not require a binder and is incompatible with XR 5015.

BRUSHING OR WIPING:

Thin with DX 982 or with water. In both cases drying is slow and may require hot air.

DIPPING:

Thin with DX 982 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.
XM 8000/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.