

Technical Data Sheet

IF0415/13 MOTHER OF PEARL EFFECT

Supersedes previous issue dated 06/12/96

DATE 09/09/97

Areas of use:	Furniture, kitchen doors, doors
Method of use:	Spray
Mixing procedure:	% weight
Part A	IF0415/13 100
Part B (hardener)	TH0790/00 30
Thinner	DT0431/00 60

Technical characteristics

Solids content (%):	IF0415/13	40 ± 1
	A+B	39 ± 1
Specific gravity (kg/l):	Part A	0.995 ± 0.030
	Part B	0.950 ± 0.030
Viscosity (DIN 4 at 20°C):	Part A	120" ± 5"
	A+B	35" ± 5"
Pot-life	3-4 hours	
Recommended application weight (g/m²):	80-120 per coat	
Interval between coats:	1 minute	
Number of coats:	max. 2	
Drying time (100 g/m² at 20°C):	Dust free	15'
	Touch dry	40'-50'

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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SAYERLACK S.r.l. - With a Single Shareholder

Via del Fiffò, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
 tel. +39 051 770511 - fax +39 051 777437
 www.sayerlack.it - www.lineablavernici.it

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

Overcoating:	3-5 hours after application
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.

Substrate preparation

The Mother of Pearl effect must be applied on top of a pigmented polyurethane topcoat of the desired colour, without sanding.

General characteristics

This is a special paint with mother of pearl effect whose appearance changes due to the refraction of light. The mother of pearl effect must be overcoated with a clear acrylic gloss topcoat, such as TL0336/00.

TZ70XX/00 can be used if a matt finish is required. XM8000/00 or XC1900/XX stains may be added to IF0415/13 in order to obtain different shades.

Special instructions

For a completely successful result, it is recommended that the product, is applied in two passes of about 70-80 g/m² each about 1 minute apart. As it is impossible to achieve perfect refraction of light in turned parts or small frames, in these cases the effect may be more metallic than mother of pearl. It is preferable not to sand the underlying pigmented coatings.

When sanding is unavoidable (for example, to ensure adhesion), we recommend sanding manually or with an orbital sander, but in any case using a circular and not a horizontal movement.

Warning

When white or pastel colour effects are performed, the undercoat must be light fast.

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