

# TECHNICAL DATA SHEET

**IF 415/13**
**MOTHER OF PEARL EFFECT**

Areas of use:	Furniture, kitchen doors, doors		
Method of use:	Spray		
Mixing procedure:		% weight	
	Part A	IF 415/13	100
	Part B (hardener)	TH 790	30
	Thinner	DT 431	60

### Technical characteristics

Solids content (%):	IF 415/13	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/m <sup>2</sup> ):	80-120 per coat	
Interval between coats:	1 minute	
Number of coats:	max. 2	
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free	15'
	Touch dry	40'-50'
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 TL 336/00.

TZ 70XX can be used if a matt finish is required. XM 8000 or XC 1900 stains may be added to IF 415/13 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/m<sup>2</sup> 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.