



JL---M070

Clear Acrylic Basecoat

Main properties:

<ul style="list-style-type: none"> It is a completely colourless product, upholding the natural wood aspect after application. Not yellowing It contains UV rays absorbers, protecting the wood from the yellowing due to the sun rays action 	<ul style="list-style-type: none"> Suitable for painting system on bleached wood Excellent fibre wet-ability Particularly developed for natural effect on light wood as well as ash, birch, oak and maple
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Versions:

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Recommended use:	• Flat parts	Fitted furniture	• Turned parts	
Application method:	Spray and curtain coater			
Product Preparation	by weight:		by volume :	
		JL---M070	100	same ratio as the procedure by weight
	hardener	FC---M070	10	
	thinner	DF---M002	20-30	

Chemical-physical characteristics

Solid content (%)	27 ± 1
Specific gravity (g/cm ³)	0,910 ± 0,030
Viscosity DIN 4 (s) at 20°C	40 ± 3
Pot life (h)	10

Application characteristics

Number of coats	max 3
Recommended application weight	max: 130 g/m ²
Interval between coats	min: 45' max: 4 h

General remarks on the application system

Drying at 20° C and R.H. between 45 and 65%: 100 g/m ²	
Dust free	10'
Touch free	20'
Over coating by topcoat	8 h
Sanding	8 h
Stackable	4 h

Forced drying: 100 g/m ²		
	Temperature	Time
Flash Off	room	10'
Laminar air	50°C	50'
Cooling	room	10'

Substrate preparation:	The substrate has to be properly sanded with 180 grit paper. Either solvent based stains of the series TM---M006 or TM---M007 may be used for dying the substrate. Bleached wood is suitable as well.
Over coating:	With acrylic topcoat as JO-xxM070 as well as JO-xxM072

Alternative hardeners:

FC---M072 at 10%	Reducing drying time
The blending ratio of both of the suitable hardeners may be increased up to 20% improving the film toughness and the drying depths.	
It is advisable increasing the blending ratio when the products is applied in three coats and/or it's sanded with automatic equipments.	

Alternative thinners:

DF---M003	For application in hot and/or high R.H conditions.
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General remarks

The product has unlimited shelf life. However, after prolonged storage, some settlement may occur. It is therefore advisable to homogenize well the product before using it.
 Wait at least 48 hours before applying it on bleached wood.
 Applying it at temperature lower than 15°C may cause film brittleness and/or unevenness drying.
 Not suitable for application on one-pack vinyl isolator as FI---M196.
 The protective action against the wood colour changing of the acrylic products on light hardwood as maple, birch and ash is higher than that one achievable in application on resinous light wood, as pine, spruce, larch, because of their extremely high photo-sensibility.