



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.



JO-xxM072

Matt Clear Acrylic Topcoat - Anti scratch

Main properties:

<ul style="list-style-type: none"> • Suits for spray and curtain coater • Totally colorless • Good touch feeling • Even sheen level • Scratch proof 	<ul style="list-style-type: none"> • Totally anti-yellowing • Prevents substrate color turning • Quick drying • Full fit kitchen doors painting system
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Versions:

JO-05M072	05±1 Gloss	JO-20M072	20±2 Gloss	JO-50M072	50±2 Gloss
JO-10M072	10±2 Gloss	JO-25M072	25±2 Gloss	JO-65M072	65±3 Gloss
JO-15M072	15±2 Gloss	JO-35M072	35±2 Gloss		

Recommended use:	• Flat parts	• Panels	• Kitchen doors
Application method:	Spray and curtain coater		
Product Preparation:	by weight:		by volume :
	hardener	JO-xxM072 100	same ratio as the procedure by weight
	thinner	FC---M070 20 DF---M008 10-30	

Chemical-physical characteristics

Solid content (%)	26 ± 1
Specific gravity (g/cm ³)	0,930 ± 0,030
Viscosity DIN 4 (s) at 23°C	40 ± 3
Pot life (h)	4

Application characteristics

Recommended application weight	max: 120 g/m ²
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General remarks on the application system

Drying at 20° C and R.H. between 45 and 65%: 100 g/m²		Forced drying: 100 g/m²	
		Temperature	Time
Dust free	10'	Flash Off	room 15'
Touch free	30'	Forced air	50°C 45'
Stackable	4 h	Cooling	room 15'

Substrate preparation	Either JL---M070 or JL---M071 perfectly suit as sealer in anti yellowing painting system. However, it may be applied on any type of PU, polyester or UV basecoats
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Alternative hardener:

FC---M072 at 20%	For further decreasing the drying time
FC---M070 at 10%	For further decreasing the drying time. It slightly reduces surface hardness

General remarks

The product has unlimited shelf life. However, after prolonged storage, some settlement may occur. It is therefore advisable to homogenize the product well before using it.
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