

ACRYSAT 42

Clear Acrylic top coat

Rev. 7 del 13/12/2024

Product code	LFE 42x
Hardener	10% LCB 057
Thinner	LZD 096/083/474/091 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>



FIELDS OF APPLICATION

Ideal for light woods and open grain effect (ash, oak, walnut, chestnut, maple, and beech), wood substrates that have been chemically bleached and pre-dyed veneers.
For interior use: furniture, kitchen and bathroom cabinets, commercial and architectural millwork.

PROPERTIES

ACRYSAT 42 - LFE 42x is a 2K acrylic topcoat, with excellent elasticity and adhesion, with high surface hardness and abrasion resistance, fast drying, very good transparency and yellowing resistance.

TECHNICAL DATA

Density (20° C/68° F)		Viscosity (20° C/68° F)	
Density lb/USgal	7.761 ± 0.1	DIN 4	50" ± 2"
Density g/L	930 ± 10		
Solids content by weight	30% ± 0.5	Solids content by volume	24.4% ± 1
		According to ISO 2322-3:2015	
VOCs Actual		VOCs Regulatory	
VOCs lb/USgal	5.48 - 5.54	VOCs lb/USgal	5.48 - 5.54
VOCs g/L	657 - 664	VOCs g/L	657 - 664
VOCs %	69 - 71		
	▪		
	LFE42x		
Theor. Coverage - 1 dry mil	+10%LCB057		373 - 395
	+20%LZD096		ft ² /USgal
Pot-life A+B			24 h
Shelf-life			24 months

DRYING TIME

Dust-free	15 min
Dry to touch	30 min
Stackable	6 - 8 h
Thoroughly dry	24 h

GLOSS LEVELS

LFE 420	77	±	3
LFE 421	60	±	2
LFE 422	50	±	2
LFE 423	35	±	2
LFE 424	22	±	2
LFE 425	15	±	2
LFE 426	10	±	2
LFE 427	5	±	1
LFE 428	3	±	1

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 CERTIFIED MANAGEMENT SYSTEM
ISO 9001

PRODUCT PREPARATION

	by volume		by weight	
ACRYSAT 42 - LFE 42x	10 parts	100%	10 parts	100%
Hardener LCB057	1 parts	10%	1 part	10%
Thinner LZD xxx	1 - 3 parts	10 - 30%	1 - 3 parts	10 - 30%

APPLICATION

	Spray airmix	Airless spray
First layer quantities wet mils	4 - 5	5 - 6
Max total quantities wet mils	7	7
Thinner	20 - 30%	10 - 25%

SUGGESTED CYCLES

a)	Substrate	Ash, oak, chestnut, maple, beech. Various essences	
	Stain	MAKOLOR MIX - LAM4xx	
	Isolator	ACRYDUR 192/193 - LBP 192/193	1 - 2 layers
	Sanding	280 - 320 grit paper	
	Topcoat	ACRYSAT 42 - LFE 42x	1 layer
b)	Substrate	Ash, oak, chestnut, maple, beech. Various essences, also chemically bleached	
	Isolator	ACRYDUR 192/193 - LBE 192/193	1 - 2 layers
	Sanding	280 - 320 grit paper	
	Topcoat	ACRYSAT 42 - LFE 42x	1 layer

NOTES

ACRYSAT 42 - LFE 42x properly diluted can be used as first coat directly on raw wood; before being over-applied, proper sanding is needed to avoid any problems of adhesion between coats.

Using as thinner LZD 083 it is possible to improve flowing and wetting.

Pot-life refers at the product thinned at 20% with LZD091 at 20°C/68°F.

After 24 hours from catalysis, to guarantee performance, it is necessary to replenish the remaining product with an equivalent part of fresh catalyzed product diluted with the same ratios (10% of LCB057 and 20-30% of LZD091).

Shelf life refers to products preserved in original, sealed containers.

STORAGE

The product, stored in the original well-closed containers, preferably at a temperature between 10 and 30°C, has a shelf life of 24 months.

It must be stored in a cool and ventilated place, avoiding heat and sunlight.

Shake well before use.

NOTICE

The information contained in this technical data sheet is based on the average results obtained in our laboratories and are to the best of our experiences. However, since the outcome of the painting is influenced by elements that do not depend on our decisions and beyond our control, no responsibility can be assumed by our company regarding the result resulting from the use of our products. The user must ensure that the product corresponds to his needs, that it is suitable for his systems and for his specific conditions of use.

THE DATA REPORTED IN THIS SHEET ARE DETERMINED AT 20°C AND 70% R.H.

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