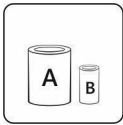


Technical Data Sheet CT50 2+1 UNI ECOCLEAR

PRODUCT DESCRIPTION


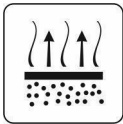
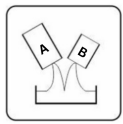
2+1 UNI ECOCLEAR is a two-part universal acrylic clearcoat characterised by its rapid curing time and easy application process. High resilience to UV radiation and adverse weather conditions, along with good scratch resistance. The product boasts outstanding flow properties and provides a remarkable, high-gloss finish, enhancing the overall appearance of the surface. This clearcoat can be polished in just 4 hours at 20°C or 30 minutes at a minimum of 60°C after cooling.

MIXING RATIO

		Volume	Weight (without thinner)
	A: Clearcoat CT50 UNI ECOCLEAR	100	95 g
	B: Hardener HT51 UNI ECOHARD	50	47 g

Comments: Use without thinner or 0-5 % acrylic thinner.

APPLICATION

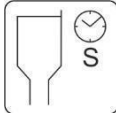
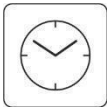
	Number of layers	2 - 3 layer
	Pressure	1,7 - 2,2 bar
	Nozzle	1.3 - 1.4 mm
	Flash off between layers	5 - 15 min
	Mixture life after mixing clearcoat with a standard type of hardener	4h at 20°C

The first half-layer of clearcoat should be applied on the pre-dried layer of basecoat.

The second layer of clearcoat should be applied as a full layer and left to complete flow and hardening.

In the case of using the spraying booth, after the second layer painter should wait 10 minutes and then turn on the spray booth at 50°C heating level.

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ADDITIONAL INFORMATION		
	Viscosity (DIN 4/20°C)	16 - 18 s
	Dust free	20 - 30 min at 20°C
	Operating hardness (polishing)	3 - 4 h at 20°C (2 - 3 layer system)
		30 min at 60°C
	Final hardness	4 days
CONTENT OF VOLATILE ORGANIC COMPOUNDS		
Maximum content of VOC in product	400 g/l	
VOC for category: II,B/e	840 g/l	
<i>Clearcoat complies standards of EU Directive 2004/42/CE/II,B/e(840)</i>		
GLOSS		
Output gloss	98°	
STORAGE TIME AND CONDITIONS		
Store in tightly closed containers, in a cool, dry place away from sources of fire and heat. Avoid exposure to sunlight.		
<u>Shelf life of clearcoat:</u> Min. 24 months from the production date under normal storage conditions and unopened can.		
<u>Shelf life of hardener:</u> Min. 12 months from the production date under normal storage conditions and unopened can.		
CLEANING EQUIPMENT		
For cleaning equipment acryl thinner or nitro thinner can be used. It is recommended to use thinner for cleaning paint spray guns.		
HEALTH AND SAFETY REGULATIONS		
See the Safety Data Sheet of the product.		
SPECIFIC WEIGHT		
About 0.95 g/cm ³		

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WEIGHT OF COMPONENTS READY FOR USE / WITHOUT THINNER		
Component	Clearcoat	Hardener
Amount (RFU)	CT 50	HT 51
100 ml	63,3 g	31,2 g
150 ml	95,0 g	46,8 g
200 ml	126,7 g	62,3 g
250 ml	158,3 g	77,9 g
300 ml	190,0 g	93,5 g
400 ml	253,3 g	124,7 g
500 ml	316,7 g	155,8 g
750 ml	475,0 g	233,8 g
1000 ml	633,3 g	311,7 g

WEIGHT OF COMPONENTS READY FOR USE / THINNER 5%			
Component	Clearcoat	Hardener	Thinner 5%
Amount (RFU)	CT 50	HT 51	ST 10
100 ml	61,3 g	30,2 g	2,8 g
150 ml	91,9 g	45,2 g	4,2 g
200 ml	122,6 g	60,3 g	5,5 g
250 ml	153,2 g	75,4 g	6,9 g
300 ml	183,9 g	90,5 g	8,3 g
400 ml	245,2 g	120,6 g	11,1 g
500 ml	306,5 g	150,8 g	13,9 g
750 ml	459,7 g	226,2 g	20,8 g
1000 ml	612,9 g	301,6 g	27,7 g