



UNIX 450HS

E70VERSION: 210225
Page: 1/3

HIGH RESISTANCE HS CLEAR COAT

DEFINITION



Unix 450HS is a high solid 2K acrylic and high resistant to scratches clear coat that adapts to the most demanding market needs. The high hardness allows times to be reduced in partial and complete repairs of car bodies maintaining high level of finish. Easy to apply, allows to be diluted up to 5% in case a larger yield is needed. Due to its formulation, this product is classified as a special finish and so it fulfils the actual legislation in the EU on the VOC emissions.

PHYSICAL CHARACTERISTICS

Nature:	Acrylic 2K		
Colour:	Colourless		
Specific weight:	0,998 kg/l at 20°C		
Viscosity CF/4:	18" at 20°C		
Dry film thickness:	50-60 microns (2 coats)		
Yield:	9-10 m ² /l		
Solids content:	49 %	Unix 450HS	
	48 %	Application (100:50 vol)	
	46 %	Application (100:50:5 vol)	
VOC:	493 g/l	Unix 450HS	
	504 g/l	Application (100:50 vol)	2004/42/EC - IIB (e)(840)(504)
	515 g/l	Application (100:50:5 vol)	2004/42/EC - IIB (e)(840)(515)

AUXILIARY PRODUCTS

C354	Slow Hardener	S322	Standard thinner
C355	Standard Hardener	S324	Slow thinner
C356	Fast Hardener		

			
T° (°C)	<i>Hardener</i>	<i>Hardener</i>	<i>Thinner Optional</i>
< 18	C356	C356	S322
18 - 25	C355-C356	C354-C355	S322-S324
> 25	C355	C354	S324

SURFACE PREPARATION

Apply **Unix 450HS** on the basecoat after the flash off time recommended by the manufacturer.

MIXING RATIO

Unix 450HS				
			20°C	
C354	100:50:0-5 volume	2 : 1	18" F/4	4 h
C355				4 h
C356				3 h

APPLICATION METHOD

	mm	bar	cm		
	1,2-1,4	2-3	15 - 20		
	1,3-1,5	4	15 - 20	2	5-10'
	1,2-1,3	2	10		

DRYING TIMES

20° C

60° C

Short wave IR

C354	20'	3h	4h	6h	18h	
C355	14'	2h30	4h	5h	18h	
C356	13'	2h	3h	4h	18h	

C354	40'	12h	
C355	30'	12h	
C356	20'	12h	

		FLASH OFF	FULL BAKE
C354	LIGHT	5'	10'
C355	DARK	4'	8'
C356	METALLIC	5'	10'

REMARKS

Humidity affects clear coat components so the application equipment should be absolutely dry. Close the hardener container immediately after use. When relative humidity is higher than 70% and/or temperatures lower than +10°C it is recommended to dry at 60°C.

EQUIPMENT CLEANING

Use a cleaning thinner before the pot life has expired.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheet. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.

GUARANTEE

One year in unopened original packaging.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

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