










Technical data sheet
COBRA EPOXY
Anti-corrosion epoxy primer



PROPERTIES			
<p>COBRA EPOXY – professional anti-corrosion epoxy primer. The highest quality anti-corrosion protection is achieved by using unique epoxy resin together with anti-corrosion pigments. It has very good adhesion to black steel, galvanised steel and aluminium. Together with Cobra Protective Coatings (Cobra, Cobra Superior) provides excellent protection of car body.</p> <p>Additional decorative or protective layers can be applied, without sanding, on cured (approx.3h/20°C) COBRA EPOXY. Maximum duration time of chemical activity is 48h/20°C.</p> <p>Light grey color of COBRA EPOXY has excellent hiding power and enables to achieve perfect, uniform background for any color.</p>			
RELATED PRODUCTS			
COBRA EPOXY HARDENER	Epoxy primer hardener		
SUBSTRATES			
Steel	Dry sand with P120		
Old paint coatings	Degrease and dry sand with P220 – P360 paper.		
Polyester putties	Dry sand, use P240 – P320 for final sanding.		
Aluminium	Degrease, dry sand P280 - P360 or mat with an abrasive finishing pad, degrease again.		
Galvanised steel	Degrease and mat with a fine abrasive finishing pad. Degrease again.		
Stainless steel	Degrease and mat with an abrasive finishing pad. Degrease again.		
Polyester laminates	Dry sand with P280, degrease again.		
CONTENT OF VOLATILE ORGANIC COMPOUNDS			
VOC II/B/c limit*	540 g/l		
Actual VOC content	539 g/l		
* For ready to use mixture acc. to EU Directive 2004/42/CE			
MIXING RATIO			
	COBRA EPOXY	Volume ratio	Weight ratio
	COBRA EPOXY HARDENER	1	100
		1	57

APPLICATION CONDITIONS		
It is recommended to apply the primer at a temperature above 15°C and a humidity of no more than 80%.		
APPLICATION		
 CAUTION: Follow the equipment manufacturer's guidelines	Nozzle	1.2 - 1.4 mm
	Pressure	1.7 - 2.2 bar
	Number of layers	2 - 3
	Single dry layer thickness	25 - 35 µm
	The yield of the ready to use mixture for the given range of dry layer thickness	13 - 16 m ² /l
	Flash-off time between layers at 20°C	0 - 10 min
	Viscosity DIN 4 at 20°C	15 - 18 s
	Mixture life at 20° C	6 h
IR DRYING		
	Distance	Follow the recommendations of the equipment manufacturer
	Time depending on the type and power of the lamp	10 - 20 min
CAUTION: Start IR heating no sooner than 10 mins after applying the last layer.		
CURING TIMES		
	20°C	60°C
	3 h	25 min
CAUTION: The curing times apply to the temperatures of the individual elements.		



COBRA EPOXY

Technical Data Sheet
16/12/2019

SANDING	
	Dry sanding P360 - P500
	Wet sanding P600 - P1000
COATABILITY	
<p>Can be coated with all Cobra Protective Coatings, NOVOL acrylic primers and topcoats. Additional decorative or protective layers can be applied after curing (for three layers - 3h/20°C, for two layers - 2h/20°C) The maximum time of chemical activity (application next layer without matting) is 48h/20°C.</p>	
COLOUR	
Light grey.	
EQUIPMENT CLEANING	
THIN 860 epoxy thinner.	
STORAGE CONDITIONS	
<p>Store in a cool dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.</p>	
SHELF LIFE	
COBRA EPOXY	24 months/20°C
COBRA EPOXY HARDENER	24 months/20°C
SAFETY	
See Safety Data Sheet.	
OTHER INFORMATION	
<p>Registration number: 000024104.</p> <p>The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to perform a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.</p>	



ADDITIONAL INFORMATION		
WEIGHT QUANTITY OF COMPONENTS: 1+1 CAUTION! In order to obtain a primer with appropriate parameters it is very important to exactly dose the individual components.		
Mixture quantity	COBRA EPOXY	COBRA EPOXY HARDENER
0.10 l	78 g	44 g
0.15 l	117 g	66 g
0.20 l	156 g	87 g
0.25 l	195 g	109 g
0.30 l	234 g	131 g
0.40 l	313 g	175 g
0.50 l	391 g	218 g
0.75 l	586 g	327 g
1.00 l	782 g	437 g