

Technical Data Sheet
MULTICHROME
1K thinner base system




MULTICHROME



Product symbol
Multichrome base

Product name
Aluminium chrome pigment

PROPERTIES

- Chrome finish effect
 - High yield
- High hiding power
 - Excellent drying
 - High resistance
- Easy application

SUBSTRATE PREPARATION FOR A BLACK DECORATIVE TOPCOAT			
SPECTRAL acrylic primers and SPECTRAL epoxy primers	<p>Filling or priming variant:</p> <ul style="list-style-type: none"> - Dry power sand with: For rough sanding: P320-P360 For finish sanding: P400-P500 - alternatively: wet sand by hand: For rough sanding: P600 For finish sanding: P800 <p>Degrease with SPECTRAL EXTRA 785.</p> <p>Wet-on-wet version:</p> <ul style="list-style-type: none"> - See the Technical Data Sheets for SPECTRAL primers 		
Existing OEM finish	<p>Dry power sand with P400-P500 or grey abrasive needle cloth.</p> <p>Thoroughly degrease with EXTRA 785.</p>		
RECOMMENDED VERSIONS OF THE BLACK DECORATIVE TOPCOAT			
Black substrate required	<p>Version 1 SPECTRAL 2K S-003 acrylic topcoat, black</p> <p>Version 2 B-002 conventional base system + SPECTRAL clearcoat</p> <p>Version 3 SA-002 water-borne base system + SPECTRAL clearcoat</p> <p>CAUTION See the Technical Data Sheets for the decorative systems and clearcoats</p>		
FORMULA PROCESSING – READY TO USE PRODUCT			
	<p>1K product</p> <p>Stir the product thoroughly before use.</p>		
	<p>DIN 4/20°C</p> <p>11 ± 13 s</p>		
APPLICATION CONDITIONS			
<p>It is recommended to apply SPECTRAL MULTICHROME at over 18°C and at a humidity of 75% or lower.</p>			
SPRAY COATING PARAMETERS			
	Nozzle	Pressure	Spray gun setting (feed)
	1.2–1.3 mm	1.8–2.0 bar	20–30 %
<p>Recommended tool: low-pressure gravity fed spray gun</p>			

SUBSTRATE PREPARATION FOR COATING WITH SPECTRAL MULTICHROME	
Black substrate	<p>Before applying the SPECTRAL MULTICHROME base, prepare a suitable black substrate:</p> <p>Version 1 – acrylic topcoat: SPECTRAL 2K S-003 black pigment with the H6005 hardener and the SPECTRAL SOLV 855 thinner, mixing ratio 3:1:1</p> <p>Version 2 – BASE 2.0 conventional system: Base layer: B-002 black pigment with the SPECTRAL SOLV 885 thinner, mixing ratio 1:075 (vol.) + the SPECTRAL clearcoat</p> <p>Version 3 – WAVE 2.0 waterborne base system: Base layer: SA-002 black pigment with 0–5% (vol.) of the SA-R10 REDUCER + SPECTRAL clearcoat</p> <p>NOTES:</p> <p>Apply SPECTRAL MULTICHROME to the substrate which has not been matted down within 3 h from the development of working hardness (*) by the acrylic topcoat or the clearcoat, as applicable to the chosen version.</p> <p>(*) Time to working hardness – see the SPECTRAL acrylic topcoat TDS or the applied SPECTRAL clearcoat TDS.</p> <p>NOTE:</p> <p>The surface must be perfectly smooth and free from dirt and debris. Remove all inclusions by sanding down with P2000-2500 and buffing out. Thoroughly degrease the surface with Spectral EXTRA 785.</p>
APPLICATION	
	<p>Apply in 3 thin layers (until the required reflective finish is achieved). Leave each layer to flash off for 2–3 minutes at 20°C before recoating.</p> <p>In order to achieve proper chrome effect it is required to cover SPECTRAL MULTICHROME with an insulating layer, followed by any of SPECTRAL clearcoats. The insulating layer can be a thin coat of the WAVE 2.0 SA-D90 waterborne resin mixed at 100:30 (by weight) with the SA-R10 REDUCER.</p> <p>Apply the clearcoat 20 min. after the last layer is dry at 20°C.</p>
	<p>The drying times of SPECTRAL MULTICHROME and the insulating resin layer (SA-D90) will depend on temperature and relative humidity.</p> <p>High humidity and low temperatures prolong the drying time.</p> <p>Induced air circulation or higher temperature will reduce the drying time.</p>
Dry film thickness	3–6 µm

EQUIPMENT CLEANING	
Clean thoroughly with SPECTRAL SOLV 855, SPECTRAL SOLV 885 or an NC thinner.	
STORAGE CONDITIONS	
Store in a dry and cool room, away from sources of fire and heat. Avoid direct exposure to sunlight.	
SHELF LIFE	
SPECTRAL MULTICHROME	12 months/20°C
SAFETY	
See the Safety Data Sheet.	
OTHER INFORMATION	
Index number: 000024104. 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 the high quality of finish, provided that the user follows the instructions and the work is performed in accordance with good workmanship practices. 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 final results were affected by factors beyond our control.	