

Technical Data Sheet






Spectral UNDER 315





Isolating primer

PROPERTIES

- Waterborne barrier primer, fast-drying
- Perfect for spot repairs to cover bare metal areas
 - Smooth finish
- Wet-on-wet application

10/03/2017

SUBSTRATES				
Old paint coatings, including thermoplastic coats		Degrease and dry sand with P220 - P360.		
Polyester putties		Dry sand, finish levelling with P240 - P320.		
Epoxy primers		No sanding for up to 12 hours, then sand with P320.		
Steel		Degrease and dry sand with P120.		
Stainless steel		Degrease.		
Plastics		Degrease with Spectral PLAST 815 Degreaser, matt with an abrasive cloth, degrease again. Use Spectral PLAST 705 Adhesion Increasing Agent.		
CONTENT OF VOLATILE ORGANIC COMPOUNDS				
VOC II/B/c limit*		540 g/l		
Actual VOC		<100 g/l		
* For ready to apply mixtures acc. to EU Directive 2004/42/CE				
VISCOSITY				
 DIN 4/20°C		30-40s		
Dilute with demineralised water if necessary.				
APPLICATION CONDITIONS				
The coated surface must be dry. The coat, coated surface and ambient temperatures must be between +5°C and +35°C. The relative humidity must not exceed 70%. The coated surface temperature must exceed the dew point by at least 3°C.				
APPLICATION				
	Mix by hand before use			
	Conventional gravity fed spray gun	Nozzle	Pressure	Distance
		1.3 - 1.4 mm	CAUTION: Follow the equipment manufacturer's guidelines	
	Number of layers	2 - 3		
	Flash-off time between layers	Wait until the coating is completely matt after applying each layer.		

		WITHOUT FORCED COMPRESSED AIR	WITH VENTURI NOZZLES
		30 min/20°C 20 min/60°C	5 - 10 min/20°C
	Dry sanding	P360-P500	
	Sand by hand	P800-P1000	
IR DRYING			
	Distance	Follow the recommendations of the equipment manufacturer	
	Time depending on the type and power of the lamp	10 - 15 min.	
CAUTION! Start IR heating once the last layer has turned matt.			
EQUIPMENT CLEANING			
Use water or nitro thinner.			
COATABILITY			
Spectral Under 315 is coatable with all Novol topcoats. Do not apply any solvent topcoat before matting down the substrate completely.			
Apply the Spectral WAVE 2.0 basecoat after:			
<ul style="list-style-type: none">• 15 minutes of IR drying, or• 4 hours at 20°C/RH of 50%.			
CAUTION: Temperatures over 50°C do not reduce the time to application of the basecoat.			
After the lapse of 12 hours, dry sand Spectral UNDER 315 before recoating. Use fine-grained sandpaper (> P600) or a needle cloth.			
STORAGE CONDITIONS			
Store in a cool dry room, away from sources of fire and heat.			
Avoid direct exposure to sunlight. Recommended storage temperature: 10-30°C. Protect from freezing.			
SHELF LIFE			
Spectral UNDER 315		9 months / 20°C	
SAFETY			
See the Safety Data Sheet.			
ADDITIONAL INFORMATION			
Spectral UNDER 315 is intended for bare metal areas caused by sanding the primers before applying the coat layers. Clean the sanded areas with the Extra 785 Universal Degreaser.			

OTHER INFORMATION

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 do 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.