



CL4000

1K VOC WASH PRIMER-FILLER

Description

1K acid based chromate-free VOC compliant wash primer-filler.
Especially designed for use on steel, zinc galvanised steel and aluminium.
Colour: grey.
Composition based on functional copolymer.

Products

CL4000	1K VOC Wash Primer-Filler
CL705	Reducer Fast
CL710	Reducer Medium

Properties

- Easy to apply, smooth flow.
- Fast wet-on-wet application.
- High productive primer-filler. Easy to dry sand after 1 hr - 1 hr 30 min air dry, very short flash time between coats.
- Excellent corrosion protection on steel, zinc galvanised steel and aluminium.
- Suitable as primer.
 - 1 coat.
 - Overcoat with CHALLENGER[®] 2K Fillers after 15 min at 20°C flash off.
- Suitable as primer-fillers.
 - 2-3 coats.
 - Dry sand and recoat with CHALLENGER[®] topcoats.
- VOC compliant, conform with directive 2004/42/EC.






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Substrates

- Metal: bare steel, zinc galvanised steel and aluminium.
- Sanded OEM finishes and cured repair finishes.
- Sanded e-coat.
- Polyester putties.

PRODUCT PREPARATION

	Mixing ratio	CL4000	Volume			
		CL705/710	2	1		
	VOC (2004/42/EC)	750 g/l				
	Potlife at 20°C	5 days				
	Spray viscosity at 20°C	DIN 4 FORD 4 AFNOR 4	18-20 s 18-21 s 20-23 s			
	Spray equipment		Fluid tip (mm)	Distance (cm)	Pressure (bar)	
		Compliant guns				
		Gravity feed	1.3-1.5	15-20	According to supplier's specifications	
		Suction feed	1.6-1.8	15-20		
Conventional guns						
Gravity feed	1.3-1.5	20-25	3-4			
Suction feed	1.6-1.8	20-25	3-4			
	Number of coats	Used as primer: 1 coat. Used as primer-filler: 2-3 coats.				
	Flash time at 20°C	Between coats till flat. Before recoating: 10-15 min. Dry for sanding: 1 hr - 1 hr 30 min.				
	DFT	15 micron/coat				



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Surface preparation

Before applying CL4000 clean the surface, sand and degrease properly.

Equipment cleaning

Use a correct solventborne gunwash.

Remarks

- Do NOT exceed recommended film thickness to avoid film defects, poor film through cure and poor adhesion.
- Material has to be at room temperature (18-25°C) before use.

Product data

Package viscosity:	at least 60 s
Theoretical coverage:	10.2 m ² /l at 2 μ DFT - ready-to-spray
Directive 2004/42/EC:	The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 780 g/l of VOC. The VOC content of this product in ready to use form is maximum 750 g/l.



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Safety

Consult the Safety Data Sheet prior to use.
Observe the precautionary notices displayed on the container.

All other products referred to in the paint system build-up are from Challenger[®]. System properties will not be valid when the related material is used in combination with any other materials or additives not belonging to Challenger[®], unless explicitly indicated otherwise.

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