TECHNICAL DATA SHEET
CL4000
1K VOC WASH PRIMER-FILLER

DESCRIPTION

CL4000 1K VOC Wash Primer-Filler is part of the Challenger repair system. It is a grey, chromate-free VOC compliant acid wash primer-filler that is formulated for use directly on steel, galvanised steel and aluminium. Its good flow delivers smooth application, and it's applied wet-on-wet. It provides excellent corrosion protection.



FEATURES

- Simple to apply.
- Dries quickly.
- Suitable for dry sanding after 1 hour or 1.5 hours air drying.
- Can be used as a primer, or as a primer-filler.
- VOC compliant.

PRODUCT LIST

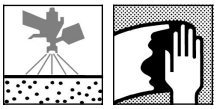
- CL4000 1K VOC Wash Primer-Filler
- CL705 Reducer Fast
- CL710 Reducer Medium
- CL715 Reducer Slow

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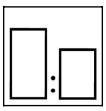
Product preparation - application STANDARD NON-SANDING



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare steel sanded and cleaned
Galvanised steel or soft aluminium sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Old or original paintwork well sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned.



	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
CL4000	2	100	2	100	2	100
CL705	1	40	-	-	-	-
CL710	-	-	1	41	-	-
CL715	-	-	-	-	1	41

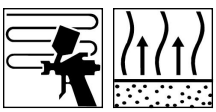


Pot life at 20°C: 5 days



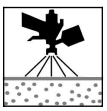
	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.5	1.8 - 2 bar	inlet pressure
HVLP	1.3 - 1.5	0.7 bar	atomisation pressure

see manufacturer's instructions



1 - 2 coat

with intermediate and final flash-off until flat



2K Filler

VOC compliant

2004/42/IIB(c)(780) 760: 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 760 g/l.

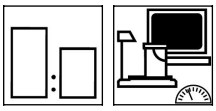
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Products

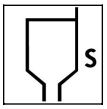
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Product mix



Mixing ratios with special agents are available in the productmix table on Colour Channel and in the specific TDS.



DIN 4: 18 - 20 s at 20°C



15 µm per coat

Theoretical coverage

130 m²/l at 1 micron dry film thickness
Due to different hardener characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.
Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



Clean after use with a suitable solventbased guncleaner.

Remarks

- Only use plastic or inner coated metal cans.
- Dry sanding only allowed for lightly denibbing.
- Material has to be at room temperature (18-25°C) before use.
- Allow additional time for preheating up to panel temperature.
- Not suitable for application on thermoplastic paintwork.
- Maximum time before overcoating is 8 hours.
- Can be used as Primer-Filler for small sand throughs and immediately topcoated with Challenger Basecoat + Clearcoat and 2K Topcoat.
- Do not overcoat the Filler with waterborne basecoat.

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

All other products referred to in the refinish build up are from our Challenger product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Challenger product range, unless explicitly indicated otherwise.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.