

TECHNICAL DATA SHEET

CL4200

2K VOC PRODUCTIVE FILLER



DESCRIPTION

CL4200 2K VOC Productive Filler is part of the Challenger repair system. It is a VOC compliant, medium grey filler that dries extremely fast, and can be sanded quickly, while delivering an outstanding appearance. It is easy to sand, even days after application. It is suitable for overcoating with Challenger topcoats.



FEATURES

- Simple to apply.
- Short flash-off times.
- Superb filling properties.
- Easy sanding, wet or dry, after 1 hour.
- VOC compliant.

PRODUCT LIST

- CL4200 2K VOC Productive Filler
- CL6400 VOC Hardener Fast
- CL6500 VOC Hardener
- CL705 Reducer Fast
- CL710 Reducer Medium

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Product preparation - application STANDARD



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



Steel, galvanised steel or soft aluminium, sanded and cleaned and coated with Wash Primer
Old or original paintwork well sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Glass fibre polyester substrates, free of release agents, sanded and cleaned.



	Spot & panel repair		Standard	
	Volume	Weight	Volume	Weight
CL4200	4	100	4	100
CL6400	1	19	-	-
CL6500	-	-	1	19
CL705 / CL710	5 - 10 %	4 - 8	5 - 10 %	4 - 8



Pot life at 20°C: 30 min - 1 hr



	Spray nozzle	Spray pressure	
	Compliant	1.4 - 1.7	1.8 - 2.2 bar
HVLP	1.4 - 1.8	0.7 bar	inlet pressure

see manufacturer's instructions



2 - 3 coats

intermediate and final flash-off: 5 min - 10 min



	CL6400	CL6500
	20 °C	1 hr
60 - 65 °C	20 min	30 min



P400 - P500



Challenger Basecoat + Clearcoat
2K Topcoat

VOC compliant

2004/42/IIB(c)(540) 540: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 540 g/l.

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Products

CL4200 2K VOC Productive Filler

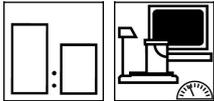
CL6400 VOC Hardener Fast

CL6500 VOC Hardener

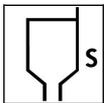
CL705 Reducer Fast

CL710 Reducer Medium

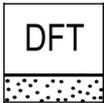
Product mix



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



DIN 4: 22 - 25 s at 20°C



50 - 100 µm



Clean after use with a suitable solventbased guncleaner.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- When isolating certain spots, the best results are achieved with a medium dry film thickness of 80-120µm with 2 layers at airdrying over night or forced IR drying. For critical substrates a fine preliminary work is required and the parts must be covered all over.
- Allow additional time for preheating up to panel temperature.
- If applied over thermoplastic acrylic finishes, complete panel or overall car has to be treated. Spot repairing or sand throughs of the primer can result in spot marking or lifting when applying 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.