

# TECHNICAL DATA SHEET

## CL2200

### 2K VOC PRODUCTIVE CLEAR



#### DESCRIPTION

CL2200 2K VOC Productive Clear is part of the Challenger repair system and is suitable for use in a clear-over-base system. This VOC compliant, fast-drying clear delivers consistent, durable high-build finishes and offers short flash-off times between coats and bake cycles. It also has fast dust-free times, which helps to prevent defects caused by air contamination.



#### FEATURES

- Fast drying
- Excellent polishability
- Suitable for spot, panel and overall repairs
- VOC compliant

#### PRODUCT LIST

- CL2200 2K VOC Productive Clear
- CL6400 VOC Hardener Fast
- CL6500 VOC Hardener

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## CL2200

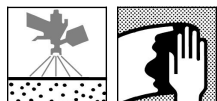
### 2K VOC PRODUCTIVE CLEAR



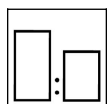
#### Product preparation - application STANDARD



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



Challenger Basecoat: Surfaces must be dried / flashed-off in accordance with TDS before application  
Existing finishes: Surfaces must be sanded and degreased before application



Spot & panel repair			Standard	
	Volume	Weight	Volume	Weight
<b>CL2200</b>	2	100	2	100
<b>CL6400</b>	1	51	-	-
<b>CL6500</b>	-	-	1	51



Pot life at 20°C: 1 hr 15 min



	Spray nozzle	Spray pressure	
<b>Compliant</b>	1.3 - 1.5 mm	1.8 - 2.2 bar	inlet pressure
<b>HVLP</b>	1.3 - 1.5 mm	0.7 bar	atomisation pressure

see manufacturer's instructions



2 coats

intermediate and final flash-off: 5 min



	CL6400	CL6500
<b>20 °C</b>	3 hr	5 hr 30 min
<b>60 - 65 °C</b>	20 min	25 min



Guideline for short wave IR equipment  
Half power: 5 min  
Full power: 15 - 20 min

VOC compliant

2004/42/IIB(d)(420) 420: The EU limit value for this product (product category: IIB(d)) in ready to use form is maximum 420 g/l of VOC. The VOC content of this product in ready to use form is maximum 420 g/l.

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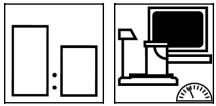
#### Products

CL2200 2K VOC Productive Clear

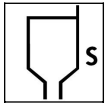
CL6400 VOC Hardener Fast

CL6500 VOC Hardener

#### Product mix



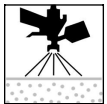
Mixing ratios with special agents are available in the productmix table on Colour Channel and in the specific TDS.



DIN 4: 20 - 22 s at 20°C



60 - 70 µm (2 coats)



CL2200 2K VOC Productive Clear can be recoated within 24 hours, without intermediate sanding



Clean after use with a suitable solventbased guncleaner.

#### Remarks

- Material has to be at room temperature (18-25°C) before use.
- Allow additional time for preheating up to panel temperature.
- Surplus ready for use material should not be returned to original can.
- Close can of clear and hardener tightly immediately after use, as both products will react with humid air and water and lose their hardening effect.

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.