



# CL200

2K CLEAR



### Description

2-component clear to be used in clear over base system.  
Composition based on acrylic polyurethane copolymer.

### Products

CL200	2K Clear
CL640	Hardener Fast
CL650	Hardener Medium
CL680	Hardener Slow

### Properties

- Gives very fast air drying and allows short flash times between coats and bake.
- The fast dust-free times prevent surface defects by air contamination.
- Has excellent polishability.
- Increases productivity in air dry, low bake or IR drying.
- Can be used for spot, panel and overall repair.

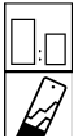






### Substrates

- Suitable solventborne basecoats
- All cleaned and sanded OEM finishes (not recommended on thermoplastic acrylic finishes).

## CL200

2K CLEAR

### PRODUCT PREPARATION

	<b>Mixing ratio</b>			<b>Volume</b>		<b>Weight</b>		
		CL200	2	3	100			
		CL650/CL680	1		50			
		CL640		1	50			
	<b>VOC (2004/42/EC)</b>	583 g/l						
	<b>Potlife at 20°C</b>	4 hr						
	<b>Spray viscosity at 20°C</b>	<b>DIN 4</b>	14-16 s					
		<b>FORD 4</b>	14-16 s					
		<b>AFNOR 4</b>	15-18 s					
	<b>Spray equipment</b>		<b>Fluid tip (mm)</b>	<b>Distance (cm)</b>	<b>Pressure (bar)</b>			
		<b>Compliant guns</b>						
		Gravity feed	1.3-1.5	10-15	According to supplier's specifications			
		Suction feed	1.5-1.6	10-15				
		Pressure feed	1.0-1.2	10-15				
		<b>Conventional guns</b>						
		Gravity feed	1.4-1.6	15-20	3-4			
Suction feed	1.6-1.8	15-20	3-4					
Pressure feed	1.0-1.2	15-20	3-4					
	<b>Number of coats</b>	2						
	<b>Flash time</b>	5 min between coats. 5 min before bake.						
	<b>DFT</b>	55-65 micron						
	<b>Drying</b>		<b>15°C</b>	<b>20°C</b>	<b>30°C</b>	<b>20 min x 60°C</b>		
		Dust-free	15 min	13 min	10 min	imm.		
		Dry to handle	7 hr	7 hr	6 hr	30 min		
		Tape-free	16 hr	14 hr	12 hr	50 min		
	<b>IR-drying*</b>	Flash time	5 min					
		Distance	80 cm					
		Half power	5 min					
		Full power	15-20 min					
		* Guideline for short / medium wave IR equipment						



# CL200

2K CLEAR

### RECOMMENDED USE

#### Clearcoat application

When the Solventborne Basecoat is completely flat, apply CL200 in 2 coats with 5 min flash between coats.

#### Chemical resistance

When fully cured, CL200 is resistant to short exposures of the chemicals as listed:

sodium hydroxide	20 %	battery acid
sulphuric acid	25 %	toluene
hydrochloric acid	20 %	xylene
phosphoric acid	20 %	glycol
ammonia	10 %	brake fluid, petrol

#### Equipment cleaning

Use a correct solventborne gunwash.

#### Recoatability

At any time after tape-free time.

#### Remarks

- If necessary for minor viscosity adjustments, use basecoat thinners (maximum 5 %).
- Close can of hardener tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- Activated material should not be returned to original can of non-activated material.
- Material has to be at room temperature (18-25°C) before use.

# CL200

2K CLEAR

### Product data

Package viscosity: 50-60 cp  
Theoretical coverage: 6.6-7.1 m<sup>2</sup>/l at recommended DFT - ready-to-spray

### 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<sup>®</sup>. System properties will not be valid when the related material is used in combination with any other materials or additives not belonging to Challenger<sup>®</sup>, 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.  
This Technical Data Sheet supersedes all previous issues.

YOUR LOCAL WA STOCKIST



**PARK** T. 08 9444 9822  
UNIT 1/7 NEIL STREET, OSBORNE PARK, WA 6017

[WWW.PARKGROUP.COM.AU](http://WWW.PARKGROUP.COM.AU)