


Challenger® CH205X 2K Sealer




COMPONENTS
CH205X 2K Sealer
CH0050, CH0055, CH0060 Hardener



APPLICATION
1 coat




MIX RATIO
4 : 1



DRY TIME
To topcoat – 15 minutes
@ 77°F



VISCOSITY
Zahn #2
16 – 17seconds



VOC
550 grams / liter
4.6 lbs / gallon



GENERAL

DESCRIPTION

Challenger® CH205X 2K Sealer is a two-component non-sanding urethane sealer that applies smoothly and maintains superior color and gloss retention for high quality finishes. These Urethane Sealers are designed to increase intercoat adhesion while providing a uniform ground coat over repairs.

COMPATIBLE SUBSTRATES

Thoroughly sanded OEM finishes adjoining metal. Thoroughly sanded and cured paint adjoining metal. Properly sanded 2K primers. Properly cleaned and prepared steel, aluminum, galvanized steel following an etch primer. Properly prepared semi-rigid plastic and fiberglass.

COLOR

- CH2051 White
- CH2053 Grey
- CH2055 Dark Grey

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



MIXING

COMPONENT

Mix 4 parts Challenger CH205X 2K Sealer to 1 part Challenger Hardener. Spray viscosity is 16 to 17 seconds with Zahn #2 @ 77°F (25°C). Maximum RFU (ready for use) VOC 4.6 lbs/gal.

Component	Volume
Challenger CH205X 2K Sealer (CH2051 White, CH2053 Grey, CH2055 Black)	4
Challenger Hardener	1
CH0050 Very Fast 59 – 72°F (15 – 22°C)	
CH0055 Fast 59 – 77°F (15 – 25°C)	
CH0060 Medium 72 – 95°F (22 – 35°C)	

Package Sizes

- 1 gallon (3.785 liters)
- 1 quart (0.95 liter)

INITIAL APPLICATION VISCOSITY

Zahn #2 Viscosity 16-17 seconds

POT LIFE

1 Hours @77°F (25°C)



APPLICATION

APPLICATION EQUIPMENT

HVLP Gravity	1.3 - 1.4 mm	8 - 10 PSI	at the cap
High Efficiency	1.3 - 1.4 mm	26 - 32 PSI	at the gauge

NOTE: Refer to spray gun manufacturer for further information regarding HVLP Inlet Pressures

SURFACE PREPARATION

Sand with P400 grit sandpaper or finer for solid colors. P500 or finer for pearls and metallics, prior to sealing.

APPLICATION

Apply a single even wet coat. Allow to flash 15 minutes before topcoating with basecoat.

NOTE: Large areas of bare metal need to be coated with an etch primer prior to sealer application.



DRY TIMES

**AIR DRY
77°F (25°C)**

To Sand	No sanding is necessary (unless it is allowed to dry overnight)
To Topcoat	15 minutes

NOTE: Must be scuffed sanded after 12 hours dry time.



PHYSICAL PROPERTIES

Recommended Film Thickness	± 19 microns / 0.75-1.0 mils per coat
Theoretical Coverage	Approx. 575 Ft ² @ 1 Mil DFT/mixed gallon
Recommended Coats	1
DFT per Coat	Approximately 0.75 mils

STORAGE CONDITIONS

Store in a dry, well ventilated area. Storage temperatures should be between -30°F (-34°C) and 120°F (48°C).

VOC REGULATED AREAS

VOC as Applied 550 grams/liter | 4.6 lbs/gallon

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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In the United States:
1.855.6.AXALTA
ChallengerCoatings.us

