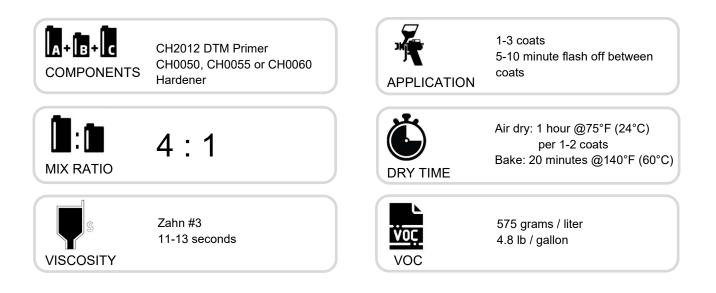
**Challenger**<sup>®</sup>

# **Challenger® CH2012 DTM Primer**





## GENERAL

## DESCRIPTION

Challenger CH2012 is a 4.8 lb/gal (575 g/l) VOC compliant, 2K urethane, direct to metal primer-filler designed to provide high build and an exceptionally free-sanding film without shrinkage or sand scratch swelling.

## **COMPATIBLE SUBSTRATES**

Properly cleaned and prepared steel, stainless, aluminum and galvanized metal. Properly sanded and prepared OEM finishes, cured paint, cured body filler and properly sanded fiberglass. Properly prepared rigid plastic.

## COLOR

CH2012 Grey

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



## MIXING

## **COMPONENTS**

Mix 4 parts Challenger CH2012 DTM Primer to 1 part Challenger CH0050, CH0055 or CH0060 Hardener. Spray viscosity 11-13 seconds in Zahn #3 @ 77°F (25°C).

4

1

## Component

Volume Challenger CH2012 DTM Primer Challenger Hardener CH0050 Very Fast 59 – 72°F (15 – 22°C) 59-77°F (15-25°C) CH0055 Fast CH0060 Medium 72 – 95°F (22 – 35°C)

Challenaer

## Package Size

1 gallon (3.785 liters)

INITIAL APPLICATION VISCOSITY Zahn #3 Viscosity 11-13 seconds

**POT LIFE** 1 Hour @75°F (24°C)



## APPLICATION

#### **APPLICATION EQUIPMENT**

HVLP Gravity1.7 - 1.9 mm7 - 9 PSIat the capHigh Efficiency1.7 - 1.9 mm21 - 28 PSIat the gauge

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

#### SURFACE PREPARATION

Remove dust or oxidation prior to applying primer by media blasting, grinding or sanding. Be certain all surfaces are free of waxes, oils, grease or other contaminants.

NOTE: Do not use over lacquer primer, lacquer finishes or uncured substrates.

#### **APPLICATION**

Apply in single wet coats, allowing 5-10 minute flash at 75°F (24°C) between coats. For standard fill: We suggest 2 coats maximum. If 3 coats are applied, allow for overnight drying. 2 mils minimum final film is need to provide good corrosion protection.



## DRY TIMES

AIR DRY

1 hour @75°F (24°C) per 1-2 coats Over night for high build 3 coats

**BAKE** 20 minutes @140°F (60°C)

INFRARED SHORT WAVE 20 minutes full power @36"



## PHYSICAL PROPERTIES

Recommended Film Thickness Recommended Coats DFT per Coat Theoretical Coverage: Flash Point: 50 microns /2.0 mils per coat – Dry Film Build 1-3 (x1) Approximately 2.0 mils 663 ft<sup>2</sup> at 1 mil See SDS



## **STORAGE CONDITIONS**

Store in a dry, well ventilated area. Storage temperatures should be between  $-30^{\circ}F$  ( $-34^{\circ}C$ ) and  $120^{\circ}F$  ( $48^{\circ}C$ ).

## VOC REGULATED AREAS

All Values Ready To Spray

Standard Reduction (4:1) 575 g/L (4.8 lb./gal)

Max. VOC (LE)

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