

# TECHNICAL DATA SHEET

## CL300

### MATTING ADDITIVE



#### DESCRIPTION

CL300 Matting Additive is part of the Challenger repair system. It is formulated for use in all Challenger 2K Clears and 2K Topcoats. The amount of CL300 Matting Additive used will determine the gloss level.



#### FEATURES

- Allows easy preparation of flat 2K topcoat colours and 2K clearcoats.
- Can be used on semi-flexible plastic parts.

#### PRODUCT LIST

- CL300 Matting Additive

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#### Product preparation - application



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



Surfaces have to be prepared according to the recommendations in the TDS of the selected quality.



#### 2K Topcoat

The mixing ratios of the 2K Topcoats (including CL300 Matting Additive) with Challenger hardeners will remain unchanged.

##### MIXING RULES FOR CHALLENGER 2K TOPCOAT

Flat colours:

- 100 % (1:1) of CL300 can be added.

Semi-gloss colours:

- 30-50 % of CL300 can be added.

#### 2K Clears

The mixing ratios of the Clears (including CL300 Matting Additive) with Challenger hardeners will remain unchanged.

##### MIXING RULES FOR CHALLENGER 2K CLEARCOATS

Flat clears:

- Mix clear with CL300 in weight ratio of 30/70 (clear / CL300) and activate afterwards.

Semi-gloss clears:

- Mix clear with CL300 in weight ratio 70/30 (clear / CL300) and activate afterwards.
- All other weight ratios with less than 70 % CL300 are allowed to obtain semi-gloss clears.

#### 2K VOC Clears

The mixing ratios of the VOC Clears (including CL300 Matting Additive) with Challenger VOC hardeners will change from 2:1 to 3:1 plus Reducer where required.

##### MIXING RULES FOR CHALLENGER 2K VOC CLEARCOATS

Flat clears:

- Mix clear with CL300 in weight ratio of 30/70 (clear / CL300) and activate afterwards.

Semi-gloss clears:

- Mix clear with CL300 in weight ratio 70/30 (clear / CL300) and activate afterwards.
- All other weight ratios with less than 70 % CL300 are allowed to obtain semi-gloss clears.



Not applicable

VOC compliant

This product mix is not VOC compliant.

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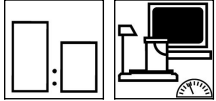
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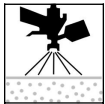
#### Products

CL300 Matting Additive

#### Product mix



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



CL300 Matting Additive can be overcoated with itself within 24 hours, with scuff sanding



Clean after use with a suitable solventbased guncleaner.

#### Remarks

- Material has to be at room temperature (18-25°C) before use.
- Degree of flatness is depending on application. A wet coat gives higher gloss than a light coat.

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.

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