

TECHNICAL DATA SHEET

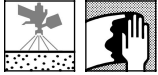


CHALLENGER® 2K TOPCOAT

Product preparation - application STANDARD



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



Surfaces must be prepared and cleaned correctly before application
 Primer-Filler or Filler, sanded and cleaned.
 Old or original paintwork well sanded and cleaned
 Primer-Filler or Filler, unsanded in a wet-on-wet process.
 Repair areas should be sanded with P500-P600 (by machine) or P800-P1000 (by hand) and cleaned



	Spot & panel repair	Standard	Large surface	Standard.
CHALLENGER® 2K TOPCOAT	2	2	2	2
CL640	1	-	-	-
CL650	-	1	-	-
CL660	-	-	-	1
CL680	-	-	1	-
CL705 / CL710	10 %	-	-	-
CL705 / CL710 / CL715	-	10 %	-	-
CL710 / CL715	-	-	10 %	-



Pot life at 20°C: 30 min - 6 hr



	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4 mm	1.8 - 2.2 bar	inlet pressure
HVLP	1.3 - 1.5 mm	0.7 bar	atomisation pressure

see manufacturer's instructions



2 - 3 coats

with intermediate flash-off: 5 min - 15 min
 final flash-off: 10 min



	CL640	CL650	CL680	CL660
20 °C	4 hr	6 hr	-	5 hr 30 min
60 - 65 °C	20 min	30 min	40 min	30 min



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

VOC compliant

This product mix is not VOC compliant.

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Challenger[®]

CHALLENGER[®] 2K TOPCOAT

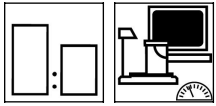
Products

Challenger Low Strength Tints
Challenger[®] 2K Topcoat

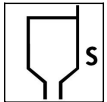
CL640 Hardener Fast
CL650 HS Hardener Medium
CL660 Universal Hardener
CL680 Hardener Slow

CL705 Reducer Fast
CL710 Reducer Medium
CL715 Reducer Slow

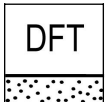
Product mix



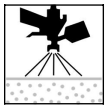
Mixing ratios with special agents are available in the productmix table on Colour Channel and in the specific TDS.



DIN 4: 17 - 19 s at 20°C



40 - 60 µm



Challenger[®] 2K Topcoat can be recoated 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.
- Challenger tints have to be thoroughly mixed before weigh-out and the Challenger colour has to be mixed immediately after weigh-out.
- Close can of Activator tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.

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CHALLENGER® 2K TOPCOAT

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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