

TECHNICAL DATA SHEET

DX41

2K AIR DRY CLEAR

DUXONE[®]
AUTOMOTIVE PAINT SYSTEMS



DESCRIPTION

DX41 2K Air Dry Clear is part of the Duxone repair system and is suitable for use in a clear-over-base system. It has been designed to deliver a very fast air drying time. It is also quick to apply, with no flash-off time between coats and the rapid dust-free times help to prevent defects caused by air contamination. DX41 Air Dry Clear provides good topcoat holdout and is formulated for use with its dedicated activators, DX1020 and DX22.

FEATURES

- Excellent and fast air dry performance.
- No thinner required.
- Ready to polish in under an hour.
- Suitable for spot, panel and multi-panel repairs.

PRODUCT LIST

- DX41 2K Air Dry Clear
- DX1020 HS Activator Standard
- DX22 HS Activator Fast

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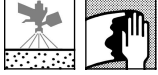
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Product preparation - application STANDARD



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



Duxone Basecoat / Duxone Waterborne Basecoat: Surfaces must be dried / flashed-off in accordance with TDS before application
Existing finishes: Surfaces must be sanded and degreased before application



	Spot & panel repair		Standard	
	Volume	Weight	Volume	Weight
DX41	2	100	2	100
DX1020	-	-	1	56
DX22	1	54	-	-



Pot life at 20°C: 45 min - 1 hr



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

see manufacturer's instructions



2 coats

without intermediate flash-off
final flash-off: 0 min - 5 min



	DX22	DX1020
20 °C	40 min	45 min



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

VOC compliant

2004/42/e(840) 596: The EU limit value for this product (product category: e) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 596 g/l.

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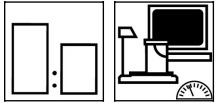
Products

DX41 2K Air Dry Clear

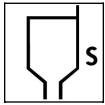
DX1020 HS Activator Standard

DX22 HS Activator Fast

Product mix



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



ISO 5: 8 - 10 s at 20°C
DIN 4: 11 - 13 s at 20°C



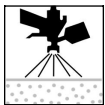
45 - 55 µm (2 coats)

Theoretical coverage

305 - 340 m²/l at 1 micron dry film thickness

Due to different activator characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.

Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



DX41 2K Air Dry Clear can be overcoated with itself within 24 hours, without intermediate sanding



Clean after use with a suitable solventbased cleaning thinner.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Close can of clear and activator tightly immediately after use, as both products will react with humid air and water and lose their hardening effect.
- DX41 2K Air Dry Clear is scratch resistant in combination with VOC Compliant DX1020 HS Activator Standard.

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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 Duxone 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 Duxone product range, 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.