

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

MULTI CR HS 2:1

SUPER FAST SPOT REPAIR - ACRYLIC CLEARCOAT HS 2:1

PRODUCTS

MULTI CR Acrylic Clear Coat HS 2:1 – Topcoat Clear Coat
 STANDARD hardener 1:2 for MULTI CR HS Acrylic Clear Coat
 FAST hardener 1:2 for MULTI CR HS Acrylic Clear Coat
 Thinner for acrylic systems MULTI FÜLLER

PRODUCT DESCRIPTION

High quality 2K acrylic transparent clear coat for quick car repairs with low content of volatile compounds and increased SR (ScratchResistant). Acrylic Clear Coat MULTI CR HS is designed for car paint shops that struggle every day with the problem of quickly returning the repaired vehicles to their owners. The use of the new generation of raw materials helped to achieve fast curing time. Thanks to the use of the FAST hardener a painted car body part is ready to mount in only 2 hours after application.

- High contents of resin.
- Short curing time.
- Very high gloss.
- Excellent look of the coat.
- Easy to apply.
- Excellent flow.



COLOUR: transparent

GLOSS GRADE: high gloss

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 497 [g/l]

This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (e), at 840 g/l.

SURFACE PREPARATION

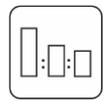
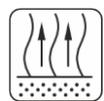
Acrylic Clear Coats can be applied over:

- Base Coats,
- Old finishes in good condition after matting and degreasing.

For matting we recommend the following:

- grey abrasive fabric with a polishing compound,
- sanding paper with gradation of 600÷800 (wet sanding),
- sanding paper with gradation of 360÷500 (machine sanding).

APPLICATION PROCESS

| USE | | NUMBER OF LAYERS | | | | | | | | | | | | | | | | |
|--|---|---|--|--|------|------|-----------------|---------|---------|------------------|--|---------|------------------------|---|-----------------------------|-----------------------|--------|---------------------------|
|  | For fast car body paint repair that requires a durable finish. |  | 2 layers: 2 full layers, total dry film thickness of 50÷60 µm. Gun parameters: RP nozzle: 1.3÷1.4mm; Pressure of input: 2.0÷2.2 bars. HVLP nozzle: 1.3÷1.4mm; Inlet pressure: 2.0 bars. Note: follow the gun producer's recommendations. | | | | | | | | | | | | | | | |
|  | MIXING RATIO by volume Clear Coat 2 parts Hardener 1 part Thinner: with STANDARD hardener 0÷5% with FAST Hardener 10% *use of drying accelerators or fast thinners is not recommended |  | HARDENING TIME | | | | | | | | | | | | | | | |
|  | SPRAYING VISCOSITY 15÷17 seconds at 20°C/DIN4. | | <table border="1"> <thead> <tr> <th></th> <th>20°C</th> <th>60°C</th> </tr> </thead> <tbody> <tr> <td>Dust dry</td> <td>30 min.</td> <td>10 min.</td> </tr> <tr> <td>Touch dry</td> <td>2h fast hardener 3h standard hardener</td> <td>15 min.</td> </tr> <tr> <td>Hardness to use</td> <td>8h fast hardener 10h standard hardener</td> <td>15 min. + 3 hours / 20°C</td> </tr> <tr> <td>Total hardness</td> <td>7 days</td> <td>15 min + 3 days / 20°C</td> </tr> </tbody> </table> | | 20°C | 60°C | Dust dry | 30 min. | 10 min. | Touch dry | 2h fast hardener 3h standard hardener | 15 min. | Hardness to use | 8h fast hardener 10h standard hardener | 15 min. + 3 hours / 20°C | Total hardness | 7 days | 15 min + 3 days / 20°C |
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|  | POT LIFE STANDARD hardener: 4 hours FAST hardener: 3 hours |  | IR DRYING 10÷15 minutes of short waves, depending on the layer thickness and the type of radiator. Do not exceed 60°C. Use as recommended by the equipment manufacturer. Wait about 10 minutes before starting the heater drying. | | | | | | | | | | | | | | | |
|  | EVAPORATION TIME Between layers: approx. 5÷7 min. Before banking: 10 minutes | | | | | | | | | | | | | | | | | |

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| PRODUCT EFFICIENCY |
| 1 liter of mixture is enough to cover 8÷10 m ² with a dry layer with thickness of 60 µm. |
| SHADING |
| Make sure you have covered all the surface with the clear coat. You should only shade the surface that has been covered and treated. Use FADE OUT THINNER to clean any dust or dirt from the surface and to level out the optical gloss differences between the older and new applied coating. |
| POLISHING AND REMOVING IMPURITY INCLUSIONS |
| Usually polishing is unnecessary, as the MULTI CR HS 2:1 Acrylic Clear Coat gives the surface a perfect look immediately after application. However, if some dirt inclusions appear, we recommend removing them and then polishing the surface with an abrasive compound. |
| GENERAL NOTES |
| <ul style="list-style-type: none"> Do not exceed recommended doses of hardener! Best results achieved at room temperature. The ambient temperature and the temperature of the used product should be the same. When working with 2K products, it is recommended to use personal protective equipment. Protect the eyes and the respiratory system. The rooms should be well ventilated. Clean the guns and equipment immediately after use. |
| Caution: <i>To maintain safety, always follow the instructions given in the MSDS for the product.</i> |
| STORAGE |
| Store the product components between 15 and 25°C, in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight. |
| Caution: |
| <ol style="list-style-type: none"> Close the containers immediately after application. Protect hardener against freeze and humidity! |
| WARRANTY PERIOD |
| MULTI CR Acrylic Clear Coat HS 2:1 – Topcoat Clear Coat. – 24 months from the date of production |
| STANDARD hardener 1:2 for MULTI CR HS Acrylic Clear Coat. – 12 months from the date of production |
| FAST hardener 1:2 for MULTI CR HS Acrylic Clear Coat. – 12 months from the date of production |
| Thinner for acrylic systems MULTI FÜLLER – 24 months from the date of production |

| PRODUCT | ART No. |
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| MULTI CR Acrylic Clear Coat HS 2:1 | 10347; 9864 (1l; 5l) |
| STANDARD hardener 1:2 for MULTI CR HS Acrylic Clear Coat | 13983; 13984 (0,5l; 2,5l) |
| FAST hardener 1:2 for MULTI CR HS Acrylic Clear Coat | 10348; 9865 (0,5l; 2,5l) |
| Thinner for acrylic systems MULTI FÜLLER | 300002258; 300002260 (1l; 5l) |
| Thinner for slow acrylic systems MULTI FÜLLER | 14712 (5l) |
| Thinner for fast acrylic systems MULTI FÜLLER | 14713 (5l) |

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| LIMITATION OF LIABILITY |
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