

Technical Information

40-440



40-440 variant 80-20

HS matting agent for 40- clears

- Easy to mix
- Can be used on plastics without addition of 80-10 Additive Flex

Prepare only the quantity of paint that will be used the same day because the gloss level may change when the mixture is stored.

Following gloss levels can be achieved by adding 80-20 in 40- in the mentioned mixing ratio:

Mixing ratio by weight

For semi gloss

- 100% by weight 40-
- 25% by weight 80-20

Satin gloss

- 100% by weight 40-
- 50% by weight 80-20

Silky mat

- 100% by weight 40-
- 70% by weight 80-20

Choose right hardener from temperature chart.

Application

| | | | |
|--|--------------------------------|-----------------|--|
| | Mixing Ratio PreMix | 100 % by weight | 40-440 |
| | | 50 % by weight | 80-20 |
| | Mixing Ratio 2:1 | 100 % by volume | PreMix |
| | | 50 % by volume | 50-415, -420, -430 50-430: only very hot conditions |
| | Spray viscosity at 20°C | DIN 4: 20-22 s | |
| | Potlife at 20°C | 2 h | |

Safety advice:

The products are suitable for professional use only.
It cannot be ruled out that this product contains particles < 0.1 µm.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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| | | |
|---------------------------|---|---|
| | HVLP spray gun | |
| | Nozzle size | 1.3 mm |
| | Application pressure | 2 bar |
| | Nozzle pressure | 0.7 bar |
| | Compliant gravity-feed spray gun | |
| | Nozzle Size | 1.3-1.4 mm |
| | Application Pressure | 2 bar |
| | Number of spray coats | |
| | Film thickness | 40-60 µm |
| | Flash off at 20°C | |
| | 3 min between spray coats | |
| Application Remark | | ½ + 1, half coat followed by full coat without intermediate flash-off |

Drying

| | | | | |
|--|-------------------------------|-----------|--------|--------|
| | | 50-415 | 50-420 | 50-430 |
| | Drying at 20°C | 10 h | 16 h | 16 h |
| | Drying at 60°C | 30 min | 40 min | 40 min |
| | Infrared (short wave) | 8 min | | |
| | Infrared (medium wave) | 10-15 min | | |

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.

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