

Technical Data Sheet

Properties: Low-solvent 2-component clearcoat with high stability based on acrylate hardened with isocyanate. The product is characterized by the following properties:

- complies with VOC guidelines 2004/42/EG[2004/42/2B(d)(420)]
- easy to use
- very high solid content
- high stability
- excellent resistance to weathering
- very good resistance to yellowing
- excellent flow properties
- can be easily polished once cured
- high gloss level

Application Area: A HS clear coat for apply on all degreased and sanded old paintworks, two-pack paints, base coats and polyester laminates for use on

- spot repair
- partial painting
- complete repainting

Instructions for Use:

1. Existing finishes must be cleaned, degreased and flat with P1200 – P1500.



2. Pre- and post cleaning with anti-silicone degreaser.

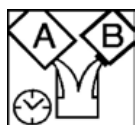


3. Mixing ratio
In volume
100 parts
50 parts
5 - 20 %

Mirror Gloss
Hardener
Thinner



4. Mix thoroughly in a suitable mixing cup.



5. Pot life normal hardener: 60 minutes at 20°C and 65% RH
Pot life fast hardener: 20 minutes at 20°C and 65% RH



6. Gun setups & air pressure

	Nozzle size:	Spray pressure:
Compliant	1.2 - 1.3 mm	1.8 - 2.2 bar (spray pressure)*
HVLP	1.3 - 1.4 mm	0.7 bar (atomising pressure)*

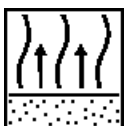
*Refer to the manufacturer's directions for gun specific recommendations.

Technical Data Sheet

Page 2 of 2



7. 2 layers
Apply a medium-wet coat followed by a full-wet coat without evaporation time
or
a medium-wet coat, followed by a full-wet coat, wait 5 to 10 minutes between each coat.



8. Flash before booth or force dry 10 minutes (depending on the heating cabine).



9. Drying times
Normal hardener: 15 - 20 minutes at 60°C object temperature
Fast hardener: 10 minutes at 60°C object temperature
90 minutes at 20°C



- Fast hardener and max. 5% Thinner 10 minutes at 60°C object temperature
IR drying Flash-off 10 minutes
Short wave Drying 15 minutes

Special Notes:

Mirror Gloss is a HS-Clearcoat and best results are achieved if the clear coat is brought to the spraying temperature before application (20 - 25°C). The practical material consumption depends on several factors, e.g. shape of the object, structure of the surface, application method, pressure and application circumstances.

Technical Data:

Chemical base comp. A:	acrylic resin with hydroxyl groups
Chemical base comp. B:	polyisocyanate
Solid content:	approx. 59% (of the mixture)
Solid volume:	approx. 51% (of the mixture)
Density:	approx. 1.0 g/ml (of the mixture)
Recommended dry film thickness:	40 - 60 µm
Theoretical coverage:	approx. 8.7 m ² per litre
Delivery viscosity at 20°C:	mixture approx. 20 s/4mm (DIN 53211) clearcoat approx. 35 s/4mm (DIN 53211) hardener approx. 12 s/4mm (DIN 53211)
VOC:	≤ 420 g/l

Storage:

If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production (clear coat and hardener).

Health & Safety:

Read Safety Data Sheet before handling or using this product.

Important Notice:

The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

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