

Description

This clear coat was developed particularly for application directly on metal substrates. The coating emphasizes metal appearance and protects the surface from weather influences at the same time.

Features & Benefits

- excellent adhesion to aluminium, galvanized steel, steel ...
- easy application and fast drying
- perfect gloss
- high durability and resistance to yellowing
- hardener 9075 (vol. 2:1)

Substrate preparation



Substrate

Iron:

Sanding

P80 - 120 (dry) SA2 ½ sanding

Steel:

P80 - 120 (dry) or sanding

Phosphatized steel:

Scuffing pad + matting paste

Galvanized steel:

Scuffing pad + matting paste

Light metals:

Scuffing pad + matting paste

Fibber reinforced plastics:

P240 (dry)

Degreasing

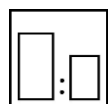
All surfaces need to be thoroughly cleaned, dried and degreased with appropriate anti-silicone cleaner.

The surface must be totally dry, degreased with a proper degreaser (9515).

The product has good adhesion on metals without base coat. It is best to do an adhesion test due to different substrates.

In case of application on sanded surface it is necessary to do the painting immediately after sanding.

Mixing ratio



Spray gun

Mixing ratio: (mass ratio)	9700 DTM Clear Coat	2
	9075 HS hardner	1
Mixing ratio: (volume ratio)	9700 DTM Clear Coat	2
	9075 HS hardner	1

Application



Spray gun

Spray gun setup (Gravity feed):	1,2 – 1,4 mm / 1,5 – 2,0 bar
Spray gun setup (Suction feed):	Verify manufacturer's info
Number of coats:	2 – 3
Flash off:	5 – 7 min

Drying



Touchdry (20 °C/68 °F):	8 – 12 h
Touchdry (60 °C/140 °F):	20 – 25 min
Thickness of dry film:	40 – 60 µm
Potlife (20 °C/68 °F):	>90 min

Complementary products

9075 HS acrylic hardener

Testing of the material

Any kind of testing of the applied material (adhesion test, stone-chip test, chemical resistance, salt chamber test, ...) has to be done at least 15 days after the application.

Technical information

Specific weight:	0,965 - 0,980 kg/L
Shelf life:	Min. 24 months from the production date under normal storage conditions and unopened can.

VOC

VOC 2004/42/IIB(e) (840)<600

Safety and health

For Health, Safety and Environmental instructions please refer to relevant Safety Data Sheets and labels on the cans. Storage conditions should also be considered.

Prod. Nr.	Description	Volume	Packaging Box
9700-1	/	1 L	12
9700-5	/	5 L	2

Additional Information

FOR PROFESSIONAL USE ONLY!

Always read the instructions.

IMPORTANT: This product contains hazardous substances at work so it is necessary to always use/wear appropriate protective equipment. For further instructions, check the label on the product and safety data sheet. A person who uses the product for any purpose other than recommended in this technical data sheet, acts at his own risk. It is the user's responsibility to take all necessary steps to fulfil the local legislation.

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public.

Information and methods described are based on the best information and practices known to us and serve merely as guidelines for optimal use, without liability to performance, results or fitness for any intended use. We do not accept any responsibility for the behaviour of the product or damage arising from the use of the product. Before using the product, the user must check if this is the latest version.

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