

TECHNICAL DATASHEET

2.776.0600 BLACK

2.776.0350 SILVER

HIGH TEMPERATURE RESISTANT COATINGS

PRODUCT DESCRIPTION

These coatings are based on 1K modified silicon resins and are designed for the industrial painting of metal structures that require a protective paint film that is resistant to high temperatures.

2.776.0600 is a black coloured coating that is resistant to temperatures up to 600°C.

2.776.0350 is a silver coloured coating that is resistant to temperatures up to 350°C.

SELECTION AND PREPARATION OF SUBSTRATES



Bare Steel – Clean thoroughly. Ensure that the substrate is corrosion free. Sand with P320 grade paper and reclean.



Aluminium – Clean thoroughly. Ensure that the substrate is corrosion free. Sand with P320 grade paper and reclean. Apply coating within 4 hours of Preparation.

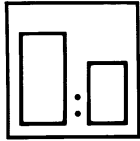
Note: All substrates should be above 15°C before paint application.

For interior use, these coatings may be applied directly over the above substrates.

For exterior use, where corrosion resistance is required, please refer to your Selemix Specialist.

APPLICATION GUIDE

CONVENTIONAL / AIRMIX



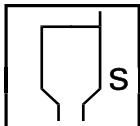
Mixing ratio (by volume-):

2.776.0600 Black 1000
1-215 * 50-150

2.776.0350 Silver 1000
1-215 * 200-250

*1-205 can be used

* 1-610 can be used for large surfaces or for temperatures above 30°C



Pot life 20°C:

Unlimited

Spray viscosity:

Black: 19-29 secs DIN4 @ 20 °C
Silver: 16-19 secs DIN4 @ 20 °C



Spray gun set up:

1.6-1.8 mm (Conventional)
11 – 13 thou / 50° tips (Airmix)

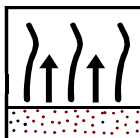
Spray pressure:

Conventional: as per spraygun manufacturers recommendation
Airmix: 70 – 100 bar



Roller or Brush Application
For small areas

For 2.776.0600 only -Use a minimum amount of thinners (2-3%).
Do NOT brush 2.776.0350 Silver

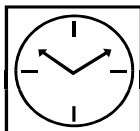


Number of coats:

1 - 2

Flash off between coats:

10-15 minutes 20°C



Drying Times at 20°C

Dust Free:

20 – 30 minutes

Handling:

1 – 2 hours or
30 minutes at 60°C

Through Cured:

30 – 40 minutes at 180°C

Total Dry Film Thickness:

25 microns minimum
50 microns maximum

TECHNICAL DATA

Theoretical coverage

10 - 12 m²/kg ready to spray giving
25µm dry film thickness

*Electro-static application is possible with
Black 2.776.0600 only.*

HEALTH AND SAFETY

Please refer to Material Safety Data Sheet for full health and safety details and storage regulations

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the stability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.

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