



**HMG Coatings (South) Ltd**  
 Faraday Park  
 West Portway Ind Est  
 Andover  
 Hants  
 SP10 3SA  
**Tel:** 01264 356296  
**Fax:** 01264 338123

## PRODUCT NAME

**DF89**

TECHNICAL DATASHEET

## PRODUCT CHARACTERISTICS

High quality Two Pack Isocyanate Free Acrylic used as an alternative when Isocyanate Cured 2 Packs cannot be used for Health & Safety reasons. This product gives very good weathering, colour and gloss retention even when used in difficult exterior conditions such as marine environments. The coating exhibits very good hardness and has a fast touch dry time. Use with 2 pack HMG Epiprime epoxy primer or HMG HBZP.

## PRE TREATMENTS

**Mild Steel:** Shot blast to SA2.5 preferred. Min requirements degrease and abrade to SA2.

**Phosphated Steel:** Degrease with H30 cleaning solvent.

**Galvanised Steel:** Degrease with H30 cleaning solvent and apply Mordent Wash.

**Sheet Aluminium:** Degrease with H30 cleaning solvent. Apply one coat of two pack etch primer.

**Stainless Steel:** Degrease with H30 cleaning solvent and abrade. Apply one coat of two pack etch primer.

## APPLICATION & PHYSICAL DATA

Suitable for glass application – Contact your representative for additional information

### AIRLESS SPRAY

Tip size 0.011 – 0.015 inch Fluid Pressure 125 – 175 bar

### CONVENTIONAL SPRAY

Thin to 50-60 Secs Ford Cup No4 Tipsize 1.-1.8mm

### BRUSH & ROLLER

Suitable on small areas provided correct film thickness is achieved. Use natural bristle brush or short (8-12mm) solvent resistant roller

### DRY FILM

40 – 50 Microns dft recommended

### COVERAGE

11-13m<sup>2</sup> per litre @ 40–50microns dft(theoretical)

### MIX RATIO

4 parts base to 1 part hardener 9061 by volume

### THINNER

2 Pack Thinner 2601/2/3

### FLASH POINT

22°C-32°C



**HMG Coatings (South) Ltd**  
 Faraday Park  
 West Portway Ind Est  
 Andover  
 Hants  
 SP10 3SA  
**Tel:** 01264 356296  
**Fax:** 01264 338123

PRODUCT NAME
<b>DF89</b>

VOLUME SOLIDS
---------------

40%-45% dependant on colour
-----------------------------

PACK SIZES
------------

1, 2.5 , 5 , 20 litres
------------------------

COLOUR AVAILABILITY
---------------------

RAL, B.Stds 4800, 381c, Pantone, NCS, Special matched colours
---

GLOSS LEVEL
-------------

Gloss, Semi Gloss, Eggshell, Semi Matt
--

TOUCH DRY
-----------

20-30mins @ 20°C extended if below
------------------------------------

THROUGH DRY
-------------

8-16 hours dependant on temperature
-------------------------------------

OVERCOATING
-------------

From 2 hours dependant on drying temperature
--

FULL CURE
-----------

5-7 days dependant on temperature
-----------------------------------

APPLICATION CONDITIONS
------------------------

Air and object temp between 5-30°C. Relative humidity below 85%. Substrate temp min 3°C above dewpoint
--

NOTES
-------

<p>ALL MATERIALS SHOULD BE STIRRED AND CHECKED FOR COLOUR AND SHEEN BEFORE USE. NO CLAIMS FOR DISCREPANCY OF COLOUR OR GLOSS CAN BE ACCEPTED AFTER USE. INFORMATION CONTAINED ON THIS DATA SHEET IS TO OUR BEST KNOWLEDGE TRUE AND ACCURATE AND IS GIVEN IN GOOD FAITH, BUT WITHOUT WARRANTY, SINCE THE APPLICATION, USE AND PROCESSING OF THE PRODUCT IS BEYOND OUR CONTROL.</p>
---

**Technical Data Sheets are also available on our website at [www.hmgcoatings.co.uk](http://www.hmgcoatings.co.uk)**

ALL MATERIALS SHOULD BE STIRRED AND CHECKED FOR COLOUR AND SHEEN BEFORE USE. NO CLAIMS FOR DISCREPANCY OF COLOUR OR GLOSS CAN BE ACCEPTED AFTER USE. INFORMATION CONTAINED ON THIS DATA SHEET IS TO THE BEST OF OUR KNOWLEDGE TRUE AND ACCURATE AND IS GIVEN IN GOOD FAITH, BUT WITHOUT WARRANTY, SINCE THE APPLICATION, USE AND PROCESSING OF THE PRODUCT IS BEYOND OUR CONTROL.