



# Protective & Marine Coatings

## SHER-CRYL™ M260 WATER BASED ACRYLIC FINISH

FORMERLY KNOWN AS ENVIROGARD M260

Revised 02/2016 Issue 13

### PRODUCT INFORMATION

#### PRODUCT DESCRIPTION

Water based sealer

#### RECOMMENDED USE

As a sealer coat for radar absorbing sheet prior to the application of the weatherwork system

#### ENDORSEMENTS

Approved by MoD Naval Procurement as a sealer coat for special surfaces - see back of data sheet

#### RECOMMENDED APPLICATION METHODS

Roller  
Brush ( for small areas and touch up only )

Recommended Cleanser/Thinner: Water

#### PRODUCT CHARACTERISTICS

Flash Point: Above 55°C

% Solids by Volume: 50 ± 3% (ASTM-D2697-91)

Colour Availability: Dark Grey

#### VOC

30 gms/litre determined practically in accordance with UK Regulations PG6/23  
30 gms/litre calculated from formulation to satisfy EC Solvent Emissions Directive  
10 gms/kilo content by weight from formulation, to satisfy EC Solvent Emissions Directive

#### TYPICAL THICKNESS

Dry film thickness	Wet film thickness	Theoretical coverage
30 microns	60 microns	16.7 m <sup>2</sup> /ltr*

\* This figure makes no allowance for surface profile, uneven application, overspray or losses in containers and equipment.

#### PRACTICAL APPLICATION RATES - MICRONS PER COAT

	Brush	Roller
Dry	30	30
Wet	60	60

\* Maximum dft must not exceed 35 microns (70 microns wet).

#### AVERAGE DRYING TIMES

	@ 15°C	@ 23°C
To touch:	1¼ hours	1 hours
To recoat:	2½ hours	2 hours
To handle:	16 hours	12 hours

These figures are given as a guide only. Factors such as air movement and humidity must also be considered.

#### RECOMMENDED PRIMERS TOPCOATS

Indefinitely overcoatable with Steel Spec M671

#### PACKAGE

Single component material

Pack Size: 5 litre units

Weight: 1.48 kg/litre

Shelf Life: 12 months or 'Use By' date where specified - protect from frost



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#### ***SURFACE PREPARATION***

Ensure surfaces to be coated are clean, dry and free from all surface contamination.

#### ***APPLICATION EQUIPMENT***

##### **Roller**

Must be applied by short pile roller to ensure the dft is not greater than 35 microns.

##### **Brush**

The material is suitable for application by brush to small areas and for touch up purposes.

#### ***APPLICATION CONDITIONS AND OVERCOATING***

In conditions of high relative humidity, good ventilation conditions are essential. Substrate temperature shall be at least 3°C above the dew point and always above 0°C.

At application temperatures below 10°C, drying and curing times will be significantly extended, and spraying characteristics may be impaired.

At relative humidities in excess of 65%, drying times will be significantly extended.

**A minimum ambient air temperature of 7°C is required to ensure proper film formation.**

**Relative humidity should not exceed 80% to ensure proper film formation.**

If it is desired to overcoat outside the times stated on the data sheet, please seek advice of Sherwin-Williams.

#### ***ADDITIONAL NOTES***

In common with other water based coatings, the drying of this material is retarded by high humidity conditions. Lack of air movement also slows down the drying process, and under such conditions it is advisable to introduce some method of circulating air over the coated surface in order to speed up the drying. An air speed of 2 metres per second is recommended.

Numerical values quoted for physical data may vary slightly from batch to batch.

#### ***HEALTH AND SAFETY***

Consult Product Health and Safety Data Sheet for information on safe storage, handling and application of this product.

#### ***WARRANTY***

Any person or company using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk, and Sherwin-Williams can accept no liability for the performance of the product, or for any loss or damage arising out of such use.

The information detailed in this Data Sheet is liable to modification from time to time in the light of experience and of normal product development, and before using, customers are advised to check with Sherwin-Williams, quoting the reference number, to ensure that they possess the latest issue.