coo-var®

PAINTS, PRIMERS AND SPECIALISED COATINGS

Certificate Number 6816
ISO 9001, ISO 14001, ISO 45001

TECHNICAL DATA SHEET

TDS: CVW201

WATER BASED ALL METALS PRIMER

329/W201/ALL

DESCRIPTION:

Coo-Var Water Based All Metals Primer is a water thinnable acrylic metals primer which has very good anti-corrosive properties.

RECOMMENDED USE:

Coo-Var Water Based All Metals Primer is a general purpose metals primer, suitable for priming most metals including iron, steel, aluminium, brass, copper, galvanised surfaces and more.

AVAILABILITY:

0.25litre, 0.5 litre, 1 litre, 2.5 litre, 5 litre

FINISH:

Matt

COLOUR:

Red, Grey

TYPICAL S.G. (SPECIFIC GRAVITY):

1.15 @ 20 °C

VOLUME SOLIDS:

27%

WET FILM THICKNESS W.F.T

85 microns

DRY FILM THICKNESS D.F.T

20 to 25 microns

EXPECTED SPREADING RATE:

12 sq.m / litre

@ 25 microns D.F.T

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

TYPICAL VISCOSITY:

2.7 Poise @ 25 °C

FLASH POINT:

Non-flammable

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry:	1.5	hours @ 20 °C
Hard dry:	4	hours @ 20 °C
Full hardness:	3 to 5	days @ 20 °C

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

MINIMUM OVERCOATING TIME:

6 hours

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

Max 47 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

APPLICATION DETAILS:

Application restrictions	Do not apply below 7 °C.	
Method:	Brush or roller	Airless spray
Thinner (Max vol):	Clean Water (5%)	Clean Water (5%)
Nozzle size:	N/A	
Nozzle pressure:	1800 to 2000 psi	
Cleaning solvent:	Water	
Recoat interval:	6 hours	

SURFACE PREPARATION:

Ensure all surfaces are clean, dry and free from grease, oil and any other contaminates. Bare

For further advice contact Coo-Var Technical Services on +44(0)1482 328053

The physical constants are subject to normal manufacturing tolerances.

"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"

Ellenshaw Works
Lockwood Street, Hull HU2 0HN
Tel.: +44(0)1482 328053. Fax: +44(0)1482 219266

coo-var
Email: info@coo-var.co.uk
www.coo-var.co.uk

steel should be free from dust, rust and scale. Blast cleaning to SA 2½ is recommended. If blast cleaning is impractical, mechanical cleaning should be employed as hand cleaning does not clean the steel to the required degree. Any oil or grease should be removed with Coo-Var Universal Degreaser before de-rusting. Where blast cleaning is carried out after assembly, special attention must be paid to edges, corners, nuts, bolts, welds etc. Welds should, if necessary be ground and all weld spatter, slag etc. must be removed. The degreasing and abrading of aluminium and weathered galvanised surfaces is especially important. New galavanised surfaces must be treated with Coo-Var Mordant Solution prior to the application of this product.

MIXING INSTRUCTIONS:

Mix well before use.

APPLICATION CONDITIONS:

Do not paint when temperature will be at 7°C or below during the painting and drying process. As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination. In confined spaces, provide adequate ventilation during application and drying.

PRECEDING COAT:

N/A

SUBSEQUENT COAT:

Suitable topcoat

REMARKS:

Do not paint when temperature will be at 7°C or below during the painting and drying process.

HEALTH AND SAFETY:

See safety data sheet - SDS 11065

ISSUED:

24 August 2023

REVISION:

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specificaton. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 328053.

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