

TECHNICAL DATA SHEET

TDS: CVG127

HAMMERCOTE SMOOTH ENAMEL

380/G127

DESCRIPTION:

Coo-Var Hammercote Smooth Enamel is a fast drying coating giving a smooth enamel finish to metal objects.

RECOMMENDED USE:

Coo-Var Hammercote Smooth Enamel is for use on wrought iron, radiators, fridges, cars, bikes, boats, trailers, fences, railings, engines, spades, tools or any metalwork where a fast drying finish is required straight on to the surface.

AVAILABILITY:

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

FINISH:

Gloss

COLOUR:

Red, Yellow, Blue, Green, Black, White, Silver and Gold

TYPICAL S.G. (SPECIFIC GRAVITY):

0.98 to 1.03 @ 20 °C

VOLUME SOLIDS:

43%

WET FILM THICKNESS W.F.T

100 microns

DRY FILM THICKNESS D.F.T

40 to 45 microns

EXPECTED SPREADING RATE:

10 sq.m / litre

@ 45 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:

8 Poise @ 25 °C

FLASH POINT:

25 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 30 mins @ 20 °C

Hard dry: 6 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:

See Remarks Section

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

Max 499 g / litre

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

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush Airless Spray

Thinner Thinners 15 Thinners 16
(Max vol): (10%) (10%)

Nozzle size: 0.013"

Nozzle 1800 to 2000 psi
pressure:

Cleaning Thinners 15
solvent:

Recoat See Remarks See Remarks
interval: Section Section

SURFACE PREPARATION:

Ensure all surfaces are clean, dry and free from grease, oil and any other contaminants. 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"

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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 but hand cleaning does not clean the steel to the required degree. Any oil or grease should be removed with solvent 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.

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 specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 328053.

MIXING INSTRUCTIONS:

Mix well before use.

APPLICATION CONDITIONS:

As dictated by normal good painting practice. In confined spaces, provide adequate ventilation during application and drying.

PRECEDING COAT:

Direct to prepared metal or Teamac Rapidry Zinc Phosphate Primer.

SUBSEQUENT COAT:

Coo-Var Hammercote Smooth Enamel

REMARKS:

APPLICATION - apply a minimum of 2 coats. **By Brush:** apply a thin coat briskly direct to the surface. Leave to dry for 15-30 minutes before re-coating with a full coat. **By Spray:** thin carefully to required consistency (if in doubt consult Coo-Var Technical Services). Apply a mist coat followed by a full coat after 2-4 minutes. When applying additional coats (e.g. on rough surfaces), **re-coat as soon as the coat is dry** - usually within 15-30 minutes. Any further coats should be applied as soon as possible but certainly within 4 hours after which time the Hammercote will have started the curing period.

HEALTH AND SAFETY:

See safety data sheet - Black SDS 10290, white, blue and green - SDS 10933, red, yellow and misc colours - SDS 10934, silver - SDS 11006

ISSUED:

22 November 2017

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