



PRODUCT DESCRIPTION

TWO COMPONENT SOLVENT BASED EPOXY HOLDING/WELDING PRIMER

COPON EA9 HOLDING PRIMER is designed for use as a high performance thin film holding primer on blast cleaned steel and other metal surfaces.

COPON EA9 HOLDING PRIMER has been specifically developed for use as a weldable prefabrication primer which is normally followed by either a solvent based, water-borne or solvent free Copon System.

COPON EA9 HOLDING PRIMER, applied in one thin coat, offers a high degree of protection to steelwork and other metal surfaces even in aggressive environments.

Standard Colour Availability Manufactured only in Red Oxide Matt finish.

GENERAL PROPERTIES

Weldability Certified by University of Leeds, Department of Metallurgy.
Chemical Resistance Excellent chemical protection.
Adhesion Excellent to correctly prepared surfaces.

PHYSICAL CONSTANTS

Total Solids Content 35%
(Average) by Volume
Specific Gravity 1.22
(Average Mixed)
V.O.C. (As supplied) 586gm/litre.
NOTE: Thinning for spray application will increase the applied V.O.C.
Film Thickness (Typical) Wet 70 microns Dry 25 microns
Note: The thickness to be applied should be agreed between the specifier and the manufacturer dependant on operational requirements.
Theoretical Coverage Rate 14 sq. metres per litre at 25 microns dft

SURFACE PREPARATION

METHOD Steel surfaces should be blast cleaned to a minimum standard of Sa 2 1/2 : BS 7079 Part A 1 1989 or other equivalent international standard.
 Galvanised steel should be degreased using a two stage degreasing process.
 Aluminium should be treated with a phosphate pre-treatment, where phosphate treatment is not possible, the surface should be abraded and degreased.

MIXING

Number of Components Supplied in two parts: Base component and Activator component.
Mixing Ratio (by volume) 4 parts Base component.
 1 part Activator component.
Pot (Usable) Life Approximately 8 hours at 20°C

APPLICATION

METHOD Copon Holding Pre-treatment Primer can be applied by brush, roller or spray, with spray application being the preferred method.
Typical spray settings are:
Airless Spray 32:1 pump ratio
 Tip Size 13-15 Thou
Conventional Spray
Pressure Pot Needle setup 1.1 mm
 Copon Holding Pre-Treatment Primer does not normally require thinning for spray application. Where thinning is necessary, up to 10% COPON SA65 THINNERS may be added by Volume.

DRYING AND CURE TIMES AT 20°C

| | |
|----------------------|---------------------------------|
| Touch Dry | - 30 minutes |
| Hard Dry | - 4 hours |
| Overcoating Interval | - min 4 hours - max 3 months |
| Full Cure | - 7 days |

HEALTH & SAFETY

1. In the wet state this material is highly flammable.
2. Adequate ventilation must be provided during use.
3. Undue contact with the skin should be avoided.
4. All equipment should be cleaned out with Copon Thinners or Equipment Wash immediately after use.

Note: Full Health & Safety Data is available from E. Wood Limited.

PACKAGING AND STORAGE

Supplied in 5 litre packs

Use within 2 years of purchase. Store in original sealed containers at temperatures between 5°C and 30°C.

Copon System Recommendations take precedence over individual Copon product data sheets and are available on request.



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