

DATA SHEET

502 **WATER BASED ETCH PRIMER**

(Page 1 of 3)

V1-28/11/2014

DESCRIPTION

- 502 Water Based Etch Primer is an anti-corrosive primer for steel containing rust inhibitors.

PROPERTIES

- Non-toxic and non-irritating
- Lead and chromate free
- Quick drying and time saving
- Prevents rust and rust creep
- Non-flammable
- Easy application by brush or spray
- Easy cleaning of equipment with water

USES

- Anti-corrosion primer for steel
- Suitable for enclosed spaces
- No discomfort from odours or fumes
- Can be over-coated with most paints including Epoxy, Polyurethane, Vinyl and Alkyd Enamel top coats

SURFACE PREPARATION

- New Steel: Blast-clean to Sa 2 ½. (ISO 850 1-1:1988/SS 05 5900)
- Galvanised Steel: Clean with Galv-O-Clean to a water break free surface
- Aged, Rusty Steel: Mechanically clean to St 2 (Remove all loose rust, old paint, oil and dirt)

Note: In coastal areas or where there is industrial fallout use HOLDTIGHT®102 diluted 50:1 with fresh water to remove soluble salts to avoid osmotic blistering and resultant coating failure.

DATA SHEET

502
WATER BASED ETCH PRIMER

(Page 2 of 3)

V1-28/11/2014

APPLICATION

- The product is supplied ready for use with no thinning required. If sprayed, water may be added to achieve the required viscosity. Apply 2 thin coats to achieve uniform coverage rather than 1 thick coat.

SAFETY

- Although 502 is water based and relatively safe to use it is recommended that the 16 point Material Safety Data Sheet is referred to.

DATA SHEET

502
WATER BASED ETCH PRIMER

(Page 3 of 3)

V1-28/11/2014

TECHNICAL DATA

TYPE	Acrylic Emulsion
NUMBER OF COMPONENTS	One
COLOUR	Black, Red Oxide
VOLUME SOLIDS	45-47%
DENSITY	1,37 gm/cm ²
CONSISTENCY	Liquid
FINISH	Matt
AVERAGE SPREAD RATE	10 m ² /ℓ/coat
OVERCOATING TIME (Min)	1-2hrs
COATING SYSTEM (Max)	Unlimited
TOUCH DRY	½ - 2 Hrs
WET FILM THICKNESS	100 µm
DRY FILM THICKNESS	45 µm
THINNER	Water
FLASH POINT	Not Applicable
PACK SIZE	1 litre and 5 litre
SHELF LIFE	12 months

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.