

Crown One Pack Etch Primer

Product Description

Type: A single-pack etch primer based on modified Polyvinyl Butyral resin, rust inhibitive pigments and acid.

Uses: As a “holding” primer to provide protection against corrosion during the fabrication period. A coat of conventional rust inhibiting metal primer should be applied over the Etch Primer, within a one-month period, where severe corrosive conditions, particularly in coastal regions are present or evident.

Substrates: Galvanised steel, stainless steel, hard polished alloys, aluminium, plastic and fibreglass.

Advantages: Maximum adhesion on galvanized surfaces, ferrous and non-ferrous metals. Provides limited protection during fabrication. Quick drying. High spreading capacity. Ideal where chemical preparation is impractical.

Conditions during application: The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight).

PRODUCT DATA:

Colour Range: Yellow (semi-transparent)

Pack Sizes: 1 litre and 4 litres

Finish: Matt

Thinner & equipment cleaner: Standard Thinner.

Dilution Ratio: Supplied ready for use – no thinning required. Stir well before use and intermittently during use.

Drying Times: Touch dry: 20 minutes. Through dry: <1 hr Recoatable: <4hrs

APPLICATION DATA:

The product can be applied by: Brush, roller or spray

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

18-20 m²/l when applied by brush or spray on smooth surfaces. 10-12 m²/l when applied to blast cleaned surfaces at 12µm DFT.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

TECHNICAL DATA SHEET



If you like it... Crown it!

DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	1 st coat	2 nd coat	Topcoat
Mild Steel	Clean with White Spirit and rinse thoroughly with fresh water till water break free. Allow to dry. Sand with P240 – 320 sandpaper	Crown One Pack Etch Primer undiluted	Apply 1 coat Crown Zinc Phosphate Primer within 1 month	1-2 coats Super Gloss, Eggshell, Fast Dry or Roof Paint
Galvanised Iron and Aluminium	Clean with White Spirit and rinse thoroughly with fresh water. Allow to dry. Sand with P240 – 320 sandpaper	Crown One Pack Etch Primer undiluted	Apply 1 coat Crown Zinc Phosphate Primer within 1 month	1-2 coats Super Gloss, Eggshell, Fast Dry or Roof Paint

Precautions:

1. Avoid applying heavy coatings above 20µm DFT to prevent wrinkling
2. Avoid the use of cheap solvents as these may affect gloss or drying time
3. Take care not to splash 1-pack Etch Primer as it contains acid which may burn human skin, plant and equipment

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control. Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference.



For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)