
PEKA-TEN G838 ONE PACK ETCH PRIMER

DESCRIPTION

Peka-ten G838 Etch Primer is a vinyl resin-based product which contains an active ingredient with metal etching properties. This facilitates adhesion onto metal surfaces without the need for prior shot or grit blasting. In addition, this product exhibits excellent anti-corrosive properties and resistance to undercreep.

USES

No. G838 is a general-purpose primer suitable for a wide variety of metal surfaces and is particularly recommended for galvanised iron sheeting.

It may thus be used on structural steelwork at both coastal and inland sites, for the protection of steel during transportation and erection, in mines underground, as a general industrial primer and as a shopcoat. It may even be applied as a semi-matt finishing coat for steelwork.

FEATURES

Compatible with a wide range of top coats, for example:
alkyds, CR-alkyds, vinyls, acrylics, epoxies, Urethanes and Nitro-cellulose

One-component application; easy to use and apply.

May be spray, brush or roller applied.

Fast drying, reduced overcoating time.

Self-etching properties - reduces the need for expensive surface preparation.

PREPARATION AND APPLICATION GUIDELINES

New galvanised iron: Surface should be thoroughly cleaned with Pekaklene D99 before application of No. G838, (see separate data sheet).

Iron and steel: In cases of severe corrosion it is necessary to abrasive blast-clean the surface to a minimum of SA2 before application. Generally however, chemical cleaning with Pekalene D99, or wire brushing (or both) will provide an adequate key for bonding. (A test patch is recommended).

It is not necessary to thin No. G838 for brush or roller application; for spray application, up to 15% by volume of Pekay C418 thinners may be added.

Apply evenly to the surface to be coated for a dry film thickness of 12 - 25 microns per coat. To ensure adequate protection as a sole coating, a minimum of three coats is suggested. Subsequent coats and topcoats may be applied after two hours.

SPECIFICATIONS

BASE	Vinyl Butyral Resin
SOLVENTS	Blend of alcohols, ketones and esters CAUTION: HIGHLY FLAMMABLE
MASS PER LITRE	0,85kg
SOLIDS CONTENT	18 - 20% w/w
SPREADING RATE	8-10 square metres per litre (ideal surface)
DRYING TIME	10 - 15 minutes at 25°C, 75% RH
THINNERS/CLEANUP	Pekay C418 or C912 Lacquer Thinners
COLOURS AVAILABLE	Red Oxide, Black, Grey or White
PACKAGING	5lt and 25lt plastic lined containers
SHIPPING CLASSIFICATIONS	Flammable
APPLICATION TEMPERATURE LIMITS	5° to 45°C
SERVICE TEMPERATURE LIMITS	Maximum 120°C

LIMITATIONS / PRECAUTIONS

Flammable solvents - do not expose to naked flames during use.

Toxic vapours - ensure adequate ventilation at all times.

Limited storage stability - all product stored for longer than six months should be checked before use.

Do not apply during conditions of low temperature and high humidity as condensation will cause poor adhesion.

To ensure good intercoat adhesive with specific topcoats, a test patch should first be made.

The information contained in this technical data sheet is to the best of our knowledge correct. NO GUARANTEE IS EXPRESSED OR IMPLIED. Users must satisfy themselves as to the efficacy of the product in their application.