TrimaEtch SAP2

Two Pack Etch Primer

Description

A two pack chromate-free etch primer for non-ferrous metals and steel.

Finish

Matt.

Features

- Based on a special resin blend including PVB and epoxy.
- Provides excellent adhesion to steel and non-ferrous metals.
- Approved for use in a range of DEF STAN systems.

Complies With

Please consult Trimite.

Product Code

98/SAP2 .

Volume Solids

15% ± 2%.

VOC's

Below 750 ± 20 g/l.

Colour Range

Yellow.

Film Thickness & Coverage

	Dry	Wet*	Approx. Coverage*
Typical:	12 µm	45 µm	5 - 6 m^2/l

* The above approximate wet film thickness and coverage rate will vary with the degree of thinning and application technique.

Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times
at Typical DFT

	10°C	20°C	30°C
Surface Dry:	nr	10 min	5 min
Hard Dry:	nr	2 h	1 h
Overcoat Min:	nr	2 h	1 h
Overcoat Max:	nr	16 h	8 h

nr – not recommended. Low temperatures or high humidity will retard the drying time and could affect the resultant adhesion. Spraying should only be carried out in a warm, dry atmosphere.

Force Drying: can be force dried for up to 30 minutes maximum at temperatures up to 120°C after a flash-off period of 10 min.

Overcoating may be undertaken within 72 hours of application, provided that the etch primer surface is lightly abraded and thoroughly degreased immediately prior to the application of subsequent coating layers. It is recommended that adhesion testing be conducted under production-representative conditions prior to full-scale application to verify intercoat adhesion and overall system compatibility.

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

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Surface Preparation	• All surfaces to be coated should be dry and cleaned as necessary to remove all rust, mill scale, grease and other contamination. Where necessary, remove weld spatter and grind smooth all sharp metal edges and weld seams. • For galvanising and other non-ferrous surfaces, all surfaces should be thoroughly degreased. Any very smooth, shiny areas should be lightly abraded to provide a key. • Please consult Trimite for specific project advice.
Mixing	Mix each component separately, and then thoroughly mix together in the mix ratio stated, using a power mixer. Stir occasionally during use to maintain an homogenous mix.
Pot Life at 20ºC	12 hours (do not use after this time, even though material may still look fluid).
Mix Ratio	Base (98/SAP2) 1 volume Activator (**SAR2**) 1 volume.
Application Conditions	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3ºC above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. It is advisable not to apply the product when the ambient temperature falls below 15ºC. The paint temperature at the time of application should ideally be 15º - 20ºC.
Application Details	• Designed for application by conventional spray. • The product is normally used as supplied. Up to 20% Trimite SAT2 Thinner may be used in the mixed material, if required. • Low temperatures or high humidity will retard the drying time and could affect the resultant adhesion. Spraying should only be carried out in a warm, dry atmosphere.
Thinner/Cleaner	Trimite SAT2 Thinner (for thinning) / Trimite PT1002 (for cleaning).
SG	1.05 ± 0.02 kg/l.
Flash Point	Below 23ºC – LOW FLASH MATERIAL.
Shelf Life	Min. 1 year from date of delivery when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15º - 20ºC.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	Nov 2026.

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