

TECHNICAL DATA SHEET**GALVPREP & CLEAN****GENERAL DESCRIPTION:**

Fired Earth Galvprep and Clean is ready for use cleaner and etching compound for the preparation of new, weathered or rusted galvanised iron, new or rusted steel, fibre cement, concrete roof tiles and smooth concrete paving prior to painting. It may also be used for pre-cleaning surfaces, where additional mechanical cleaning may be required on stubborn dirt or rust.

USES:

Removal of contaminants like oiliness, powder, dust, soot etc. for use on new or old galvanized steel roofs, tiled, cement & fibre cement roofs, paved driveways, cement paving and sidewalks. Galvprep and Clean also kills algae, fungus and bacteria.

FEATURES & BENEFITS:

- Eco friendly
- Contains special degreasing and etching compounds
- Kills algae, fungus and bacteria
- Improves adhesion of the primer

TECHNICAL INFORMATION**1. GALVPREP & CLEAN**

PHYSICAL FORM	Purple aqueous liquid, often with some sediment
COLOUR	Purple
SPREADING RATE	Approximately 10 - 15 m ² /ℓ per application depending on the type of substrate, condition and surface porosity. Spread rates are based on the product being applied to galvanised iron sheeting
BOILING RANGE	100 – 150 C
SPECIFIC GRAVITY	1.039 (water = 1) pH: 6.6
OTHER PROPERTIES	Decomposed by alcohol. When heated to decomposition toxic fumes of sulphur dioxide are produced
PACKAGING	5ℓ

TOXICITY DATA AND SAFETY INFORMATION

POISONS SCHEDULE	Contains schedule 6 chemicals in highly dilute quantities
LD 50 (ORAL-RAT)	872000ml/kg
DERMAL LD50	Not Available
SWALLOWED	Rinse mouth with water, do not induce vomiting, and give milk or water to drink. Seek medical assistance
EYES	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids
SKIN	Wash with water and soap. Stains will disappear after a few hours. Wear PVC gloves to prevent staining
STORAGE AND TRANSPORT	No special storage or transport requirements necessary. Store in a tightly closed non-metal container. Store in a cool, dry location
DISPOSAL	Excess after use need not be disposed of in any particular manner. Larger quantities must be disposed of in accordance with relevant environmental regulations at an approved waste facility
SPILLS	Hose down to dilute and remove in no particular manner. Dispose of large quantities in accordance with all applicable environmental regulations

**B.DS.081
PB SERIES**

STAINS	Stains on clothing can be removed with diluted hydrochloric acid. Rinse clothing as soon as possible
--------	--

DO NOT PAINT
IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
IF IT IS RAINING OR RAIN IS FORECAST
BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

PRODUCT

Thin mild-acidic purple liquid compound. Not harmful to the environment in application use. Refer to the product Safety Data Sheet for further information.

SURFACE PREPARATION

New Surfaces

Ensure surfaces are dry (15% moisture maximum), in sound condition, clean and free from any contaminants such as dust, dirt, rust, salt, algae and grease.

Cement plaster, concrete, fibre cement, brick surfaces and building boards.	Apply one coat water or solvent based Fired Earth Plaster Primer and two coats of water based Fired Earth Inside Out. Optional: For optimum film build and surface finish, apply solvent based Fired Earth Universal Undercoat prior to applying water based Fired Earth Inside Out.
Metal, steel & galvanised steel	Apply one coat of water based Fired Earth Metal Primer (two coats at the coast), followed by a coat of solvent based Fired Earth Universal Undercoat and two coats of water based Fired Earth Inside Out.
Wood	Apply one coat of solvent based Fired Earth Wood Primer, then apply one coat of solvent based Fired Earth Universal Undercoat and two coats of water based Fired Earth Inside Out.

SURFACES

New and weathered galvanised iron or new (non-rusted) steel:	Apply Fired Earth Galvprep & Clean liberally to surface by using a non-metallic firm brush, broom, scouring pad or spray to manageable areas at a time. Scrub the surface and leave Fired Earth Galvprep & Clean in contact with the surface for 15-20 minutes. The surface will turn to a dark blackish colour. Do not allow Fired Earth Galvprep & Clean to dry on the surface. If the surface is very hot, this will reduce the dwell time required to actively clean the surface. If this is the case, rinse the manageable area with cold water and then apply the cleaning process. Rinse thoroughly and allow to dry. High pressure cleaning is recommended. Check that the surface is water break free. If not, or if the surface is still dirty repeat the above procedure. Coating time: In coastal areas prime the cleaned surface with Fired Earth Metal Primer preferably within 2 hours but not more than four hours and in other areas the same day to prevent re-contamination of the surface.
Rusted galvanised iron or steel:	Light or mildly rusted surfaces, apply Fired Earth Galvprep & Clean liberally to surface by using a non-metallic brush, broom, scouring pad or spray to manageable areas at a time. Scrub the surface and leave Fired Earth Galvprep & Clean in contact with the surface for 15-20 minutes. The exposed cleaned steel surface will then turn to a copper colour, and if galvanised, this will turn to a dark blackish colour. Do not allow Fired Earth Galvprep & Clean to dry on the surface. If the surface is very hot this will reduce the dwell time required to actively clean the surface. If this is the case, rinse the manageable area with cold water and

**B.DS.081
PB SERIES**

	then apply the cleaning process. Rinse thoroughly and allow to dry. High pressure cleaning is recommended. If the rust is still evident or there is severe rust, mechanically abrade or sand blast the surface to remove all traces of rust. Then apply the cleaning process as above. Check that the surface is water break free. If not, or if the surface is still dirty repeat the above procedure. Coating time: In coastal areas prime the cleaned surface preferably within 2 hours but not more than four hours and in other areas the same day to prevent re-contamination of the surface.
Fibre cement, concrete roof tiles and smooth concrete paving:	Apply Fired Earth Galvprep & Clean liberally to surface by using a non-metallic brush, broom, scouring pad (that will not damage the surface) or spray to manageable areas at a time. Scrub the surface and leave Fired Earth Galvprep & Clean in contact with the surface for 15-20 minutes. Do not allow Fired Earth Galvprep & Clean to dry on the surface. If the surface is very hot, this will reduce the dwell time required to actively clean the surface. If this is the case, rinse the manageable area with cold water and then apply the cleaning process. Rinse thoroughly and allow to dry.

HEALTH & SAFETY

Keep paint away from children and animals. Never smoke, drink or eat while painting. Wear protective overalls, gloves and goggles. If accidental contact with skin should occur, wash immediately with clean water. Harmful if swallowed. Do not induce vomiting. Consult your doctor. Ensure good ventilation during application and drying. Store in a cool, dry place out of the sun.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.