

Product Data Sheet

858-(10)-02/18

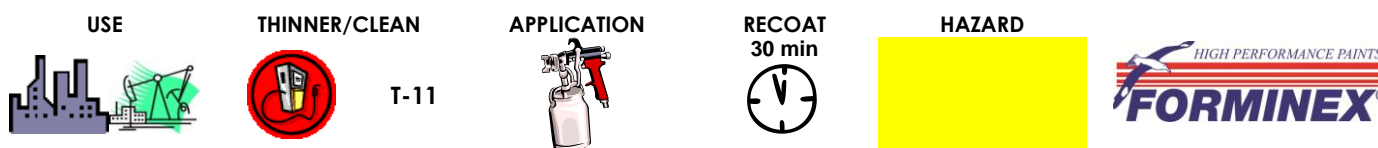


Makers of Fine Paint Since 1962

ISSUED: 12 February 2018

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858 Epoline Primer



A two pack epoxy-polyamide based primer surfacer. 858 Epoline Primer is an excellent anticorrosive coating possessing excellent adhesion to metal together with outstanding flexibility, chemical and water resistance. 858 Epoline Primer has also been formulated to give excellent build and sanding properties when used on timber, particle board, MDF board and similar substrates.

USES: 858 Epoline Primer is the recommended base coat for 859 Estagloss and 116 Nylocote Epoxy Enamel. 858 Epoline Primer may be applied over steel, zinc anneal most metals, fibreglass and concrete surfaces. For use with non ferrous metals such as aluminium and bright steel the use of 129 Super Etch primer is recommended. 858 Epoline Primer may also be applied to timber, particle board, MDF board and Hardiplank™, where it has excellent filling properties.

SURFACE PREPARATION: All surfaces to be painted should be free from oil and grease. Clean and degrease surface with T-3 Wax and Grease remover as required.

ALUMINIUM: Apply 129 Super Etch or primer prior to application of 858 Epoline Primer. Light scuffing of the aluminium prior to painting is recommended.

FIBREGLASS: To ensure removal of all mould release agents the surface should be washed with a detergent solution and be followed by a further wash with T-3 Wax and Grease remover.

PLASTER, MASONRY OR CONCRETE: Repair any damaged areas and remove any drummy material. Clean surface with a stiff brush to remove all loosely adhering material. Remove any efflorescence by chemical treatment. Best results will be obtained on concrete by acid etching. Use a 10% solution of hydrochloric acid. Allow acid to react fully with concrete and wash thoroughly away. Allow surface to dry before painting. Allow new concrete to age for at least 3 weeks before painting.

PREVIOUSLY PAINTED SURFACES: Recoating of previously painted surfaces should not be attempted without test painting a small area to check that 'frying' or 'lifting' does not occur. If this behaviour is evident the existing coating must be completely removed before re-coating. Where recoating a 2 pack epoxy or urethane the surface must be thoroughly sanded before applying 858 Epoline Primer.

STEEL: Mill scale, rust etc., should be removed by acid etching, power or wire brush cleaning or by abrasive blasting. Best results will be obtained over abrasive blast cleaned surfaces.

TIMBER: Sand timber, dust off and ensure the timber is thoroughly dry.

ZINC COATED STEEL, GALVANISED AND ZINCALUME: Ensure surface is free of deposits of white rust, and any oil or grease. Apply 129 Super Etch primer prior to application of 858 Epoline Primer for best results.

APPLICATION: Stir thoroughly until both base and hardener are uniform. Mix together in the ration of 4 parts base to 1 part hardener by volume. Allow to stand for 20 minutes before use. May be applied by brush, roller and spray.

CLEAN UP: T-11

THINNING: Spray: Thin with 10-15% T-11 Epoxy reducer for conventional spray application.

Some applications may require further thinning.

Brush: Thin sparingly with T-27 Special Brushing Reducer to aid application.

DRYING: Touch dry in 1 - 2 hours. Dry to recoat after 6 hours at 25°C. Drying time is dependant on temperature. Do not apply at temperatures below 10°C. Pot life of mixed material is 6 to 8 hours at 25°C

COLOUR: Buff

FINISH: Low Gloss

COVERAGE: Theoretical coverage 10 m² per litre at the minimum recommended 50µm dry film thickness. 100µm is recommended as a minimum in corrosive environments.

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.



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PACK SIZES: 1.25 litre (1lt A, 0.25lt B)

5 litre (consisting of 4 lts of Part A in a 4 lt can and 1 lts of Part B in a 1 lt can)

20 litre (consisting of 4 lts of Part A in a 4 lt can and 1 lts of Part B in a 1 lt can)

VEHICLE TYPE: Epoxy - Polyamide

OTHER DETAILS: Pot life of this product is 6 to 8 hours at 25°C. Higher temperatures will shorten pot life. Mix no more than can be used in 2 hours. Do not return mixed paint to original cans. 858 Epoline Primer is not suited for food contact applications.

FILM PROPERTIES:

Solvent Resistance	Excellent.	Chemical Resistance	Excellent.
Abrasion Resistance	Excellent.	Impact Resistance	Excellent.
Heat Resistance	Good up to 150°C.	Flexibility	Excellent. Passes 6 mm bend test.

PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Safety Data Sheet on this product. If you are unsure if you have an SDS on this product please contact Topline Paint and one will be provided.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes

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