

Firwood 86

Two Pack Epoxy Glass Flake Primer/Finish

Description	A surface tolerant, two pack epoxy primer or primer/finish for steelwork.
Finish	Sheen.
Features	<ul style="list-style-type: none"> • Designed to provide excellent anticorrosive protection to new or previously rusted, hand-prepared steel. • Very high build in a single brush coat to 125 µm dft. • Contains a high level of glass flake, together with aluminium flake, to provide excellent abrasion resistance and anticorrosive barrier protection. • Can be overcoated or used as a primer/finish depending on requirements. • A single coat at 125 µm passes hot salt spray testing to ASTM B-117 for 3000 hours. Performance over suitably prepared rusted steel has also been found to give excellent results. • Suitable for continuous working temperatures up to 85°C and intermittent exposure to 120°C.

Complies With 2004/42/EC (2012) sub-category A(j) - VOC level below 500 g/l.

Product Code 86- .

Volume Solids 57% ± 2%.

VOC's 371 ± 20 g/l.

Colour Range Aluminium.

Film Thickness & Coverage	Typical DFT:	<u>Dry</u> 125 µm	<u>Wet</u> 220 µm	<u>Theo. Coverage</u> 4.5 m ² /l
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Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times at Typical DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	8 h	4 h	2 h
	Hard Dry:	16 h	8 h	4 h
	Overcoat Min:	24 h	12 h	6 h
	Overcoat Max:	3 days	3 days	3 days

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.

TECHNICAL DATA SHEET**Firwood 86****Two Pack Epoxy Glass Flake Primer/Finish**

Surface Preparation	<ul style="list-style-type: none">• All steel 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.• Ideally, abrasive blast clean to standard Sa2½ (ISO 8501-1:2007), with a surface profile of 50-75 microns.• For areas where abrasive blast cleaning is not possible, the surface should be prepared by hand or mechanical means to minimum standard St2 (ISO 8501-1:2007), preferably St3, with care required to avoid 'polishing' the metal surface. Coating lifetime will be significantly reduced if not blast cleaning.
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 20°C	3 hours (do not use after this time, even though material may still look fluid).
Mix Ratio	Base 3.6 volumes (approx. – use in units as supplied) Activator 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 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. Do not apply the product when the ambient temperature falls below 10°C. The paint temperature at the time of application should ideally be 15° - 20°C.
Application Details	<ul style="list-style-type: none">• Designed for application by brush or roller, but can also be applied by airless spray.• If using as a primer/finish, two coats are recommended.
Thinner/Cleaner	Firwood 67 Thinner.
SG	1.23 ± 0.15 kg/l mixed.
Flash Point	23° – 60°C.
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 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	Sep 2023.

Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product's suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial use only unless specifically stated otherwise.