

Firwood 2053

High Temperature (HT) Stove Paint

Description	A high build coating for metal, for high temperature applications up to 600°C, based on silicone resin.
Finish	Matt Black.
Features	<ul style="list-style-type: none"> • Use as a protective and decorative coating on metal subject to high temperatures, such as wood burning stoves, flues and barbecues. • Heat resistant up to 600°C. • Due to its high volume solids, can be used on stoves and flues installed in buildings. • Apply directly to metalwork as a one coat system. • Do not use over vitreous enamels.
Complies With	2004/42/EC (2012) sub-category A(i) - VOC level below 500 g/l.
Product Code	2053- .
Volume Solids	43% ± 2%.
VOC's	Below 500 g/l.
Colour Range	Black only.

Film Thickness & Coverage	Range:	<u>Dry</u> 25 - 50 µm	<u>Wet</u> 58 - 116 µm	<u>Theo. Coverage</u> 17.2 – 8.6 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 Rec. Min DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	30 min	15 min	5 min
	Hard Dry:	3 h	1 h	30 min
	Overcoat Min:	nr	nr	nr
	Overcoat Max:	Indefinite	Indefinite	Indefinite

nr: applying more than a single coat is not recommended, as dft will be too high, and blistering or flaking will result.

Drying: the coating will air dry as above but will not become fully hard until heated. Until hardened, take care to avoid damage to the coating. The coating may be stoved to full cure by heating for 20 min at 200 – 220°C.

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 2053****High Temperature (HT) Stove Paint**

Surface Preparation	<ul style="list-style-type: none">• 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. Consult Trimite for specific project advice.• Ensure all pilot lights on stoves are extinguished and previously used fires have both died down and cooled.• Do not apply where sources of ignition are present.• If overcoating previously applied coatings, it is recommended to apply a test patch to ensure compatibility between the two coatings. This product is not recommended for application over vitreous enamels.
Mixing	Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain an homogenous mix.
Mix Ratio	Not applicable – single pack product.
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%. It is advisable not to apply the product when the ambient temperature falls below 5°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 brush application. Care must be taken to avoid excessive film thickness or blistering and flaking may result.• Initial heating of the product should be done in a well-ventilated area, as smoke and fumes may be emitted.
Thinner/Cleaner	Firwood 113 Thinner.
SG	1.47 ± 0.15 kg/l.
Flash Point	23° – 60°C
Shelf Life	Minimum of 2 years from date of manufacture 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 2021.

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.