

## TECHNICAL DATA SHEET

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# Fungi-Shield

## Anti Mould and Blackspot Paint

<b>Description</b>	A water based, anti mould, algae and blackspot coating for interior walls and ceilings.			
<b>Finish</b>	Matt (FS42), Silk (FS43).			
<b>Features</b>	<ul style="list-style-type: none"> <li>• A washable, decorative, fungicidal anti mould paint for areas susceptible to mould and bacterial growth. Mould will not grow for the life of the paint film.</li> <li>• Non-toxic and odour free when dry. Non-caustic and non-injurious to the skin.</li> <li>• For areas subject to more frequent washing, Silk finish (FS43) is recommended. (Note: not recommended for use in extremely humid conditions).</li> <li>• This product is approved under the Control of Pesticides Regulations 1986, for use as directed. HSE No.7280.</li> </ul>			
<b>Complies With</b>	Matt: 2004/42/EC (2012) sub-category A(a) - VOC level below 30 g/l. Silk: 2004/42/EC (2012) sub-category A(b) - VOC level below 100 g/l.			
<b>Product Code</b>	Matt: <b>FS42</b> ; Silk: <b>FS43</b> .			
<b>Volume Solids</b>	Please consult Glixtone.			
<b>VOC's</b>	Matt: below 30 g/l; Silk: below 20 g/l.			
<b>Colour Range</b>	White and Magnolia. Can also be tinted to most pastel shades.			
<b>Film Thickness &amp; Coverage</b>	<b>Typical:</b>	<b><u>Dry</u></b> 30 µm	<b><u>Wet</u></b> 65 µm	<b><u>Theo. Coverage</u></b> 11 - 13 m <sup>2</sup> /l
	Coverage is between 11 – 13 m <sup>2</sup> /l per coat, depending on the type of surface, porosity, roughness and application.			
<b>Drying &amp; Overcoating Times</b> at Typical DFT	Surface Dry: Hard Dry: Overcoat Min: Overcoat Max:	<b><u>20°C</u></b> 1 h 2 - 4 h 2 - 4 h Indefinite		
	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 for well ventilated areas.			

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<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>• Completely remove all traces of loose, flaking, soft and friable paint back to a clean firm surface by scraping and/or washing.</li><li>• Thoroughly abrade any glossy surfaces to achieve a good key.</li><li>• Make good any surface imperfections to original profile with a suitable filler and allow to dry thoroughly.</li><li>• Ensure that any grease, dirt, mould or rust is removed.</li><li>• During preparation, avoid the inhalation of dust. Wear a suitable face mask, if dry sanding. (Special precautions should be taken during surface preparation of pre-1960's surfaces over wood and metal as they may contain harmful lead. For further advice, please contact Glixtone.)</li><li>• <b>Copper or other metal surfaces</b> must be treated prior to the commencement of any painting. Bare copper or other metals must be either taped, or primed with an appropriate primer and allowed to full dry.</li><li>• <b>If there is mould or other organic growth</b>, remove by scraping or brushing with a stiff fibre brush (NOT a wire brush). Sterilise the affected areas by applying a liberal application of Glixtone Sterilising Solution and allow to dry for 24 hours (consult Technical Data Sheet for Glixtone Sterilising Solution before use).</li><li>• A second application of Glixtone Sterilising Solution is recommended for heavily infected areas.</li></ul>
<b>Mixing</b>	Thoroughly stir the coating before use.
<b>Mix Ratio</b>	Not applicable – single pack product.
<b>Application Conditions</b>	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.
<b>Application Details</b>	<ul style="list-style-type: none"><li>• The first coat of Fungi-Shield applied to bare areas may be thinned by up to 10% with water, to act as a sealer, prior to applying full coats.</li><li>• Apply two full coats of Glixtone Fungi-Shield.</li><li>• Remove splashes immediately from adjacent trim to be painted in conventional gloss finish.</li><li>• Note: if Glixtone Fungi-Shield is over-painted with anything other than itself, the fungicidal properties will be lost.</li></ul>
<b>Thinner/Cleaner</b>	Clean water.
<b>SG</b>	FS42 Matt: 1.39 ± 0.1 kg/l FS43 Silk : 1.26 ± 0.1 kg/l.
<b>Flash Point</b>	Above 60°C.
<b>Shelf Life</b>	1 year from date of manufacture when correctly stored in unopened containers.

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<b>Storage</b>	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.
<b>Health &amp; Safety</b>	Refer to the product's Safety Data Sheet (SDS) and safety advice on the product label before use.
<b>Date of Issue</b>	Sep 2022.

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