

S-Protect Antigrffiti

Water based, two pack, clear acrylic coating

Characteristics											
Application	For exterior & interior application Transparent graffiti resistance coating										
Optics	Clear, low sheen coating										
Technical Data											
Product Group	S-Protect										
Composition	Water based, two pack, urethane acrylic										
Solvent	Water										
Coats	2 coats depending on substrate and porosity										
Substrate											
Requirement	<p>The substrate must be sound, clean, dry, load bearing, UV resistant and free of contaminates.</p> <p>Do not use on damp substrates or substrates where background moisture is present.</p> <p>Do not use on inclined or horizontal surfaces exposed to weathering.</p> <p>Substrates which are too damp or where moisture subsequently penetrates behind through capillary action or condensing moisture leads to clouding of the clear binder and eventually damage to the coatings system and substrate.</p>										
Preparation	<p>Ensure surface to be coated is thoroughly clean and free of surface contaminants.</p> <p>If light acid wash is used, neutralise prior to painting. Product exhibits excellent adhesion to itself (multiple coat applications) and most water based acrylic coatings commonly used in domestic and commercial applications. (NOT RECOMMENDED FOR BARE BRICK or UNSEALED BLOCKS).</p> <p>For previously applied 2K solvent borne anti graffiti coatings check adhesion in an inconspicuous area. (These systems may need to be adequately sanded pre application)</p> <p>Mix Ratio 4 : 1 parts by volume (Paint : Hardener) S-Protect Anitgraffiti (Part 'A') 4 Parts S-Protect Anitgraffiti Hardener(Part 'B') 1 Part</p> <p>Ensure product is thoroughly stirred prior to use – minimum 3 minutes to thoroughly mix flattening agent and re-pot to check</p>										
Tools / Equipment	Roller or brush.										
Application											
Application Temperature	Minimum substrate, air and drying temperature: +10 °C										
Consumption	<table border="1"> <thead> <tr> <th>Article</th> <th>Type of application</th> <th>Consumption approx:</th> </tr> </thead> <tbody> <tr> <td rowspan="3">S-Protect Antigrffiti per coat</td> <td>Honed Masonry Block</td> <td>125 ml</td> </tr> <tr> <td>Standard Masonry Block</td> <td>200 ml</td> </tr> <tr> <td>Precast Concrete</td> <td>80 ml</td> </tr> </tbody> </table> <p>The material consumption is dependent on application, substrate profile and porosity. The stated consumption values are approximate guide only.</p>	Article	Type of application	Consumption approx:	S-Protect Antigrffiti per coat	Honed Masonry Block	125 ml	Standard Masonry Block	200 ml	Precast Concrete	80 ml
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Application	S-Protect Antigraffiti ; formulated for application by brush & roller to the prepared substrate Recommended brush for uneven and smooth surfaces is a 6-18 mm NAP Sto Roller.
Drying, Hardening, Overcoating Time	The surface to be coated must be clean and dry Protect from inclement weather eg; frosts, rain or dew. Note; Avoid hot surfaces program to apply in the shade or cooler periods of the day to prevent roller marks and joins marring the finish. TACK FREE - time 4 hours Pot Life when mixed: Winter 60 minutes Summer 30 minutes
Recommended dry film thickness	Target 30-40 µm dry film – recommended. Minimum requirement - 25 µm dry film thickness. Maximum requirement – 50 µm dry film thickness.
Cleaning of Tools	Clean with water immediately after use
Notes, Recommendations, Special, Other	Product needs to fully crosslink to attain maximum graffiti resistance. Resistance to aerosols begins after a minimum 24 hours. Felt marker resistance begins after 72 hours. Time taken for complete resistance to graffiti is dependent on temperature and relative humidity. As a general rule 3 days at ambient temperature of 25°C and 45% humidity is sufficient for product to attain approx 85% cure and hence extremely good graffiti resistance. All work must only be undertaken in accordance with a S-Protect Antigraffiti specification. S-Protect Antigraffiti has no film preservative and requires regular washing to avoid fungal infestation.
Supply	
Colour	Clear after drying
Packaging (5 Litre Composit)	S-Protect Anitgraffiti (Part 'A') 4 Litre Pail S-Protect Anitgraffiti Hardener(Part 'B') 1 Liter Can
Storage	
Storage Conditions	Store tightly sealed in frost free conditions.
Markings	
Product Group	S-Protect
GIS-CODE	You can request the Material Safety Data Sheet for this product from veronica@sto.co.nz
Safety	Please observe the information on handling, storage and disposal of the product.

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Special Notes	
	<p>The information and data in this technical data sheet is intended for common applications and the product's suitability for these, and is based on our findings and experience.</p> <p>Nevertheless, users are responsible for establishing the suitability of the product for their intended use.</p> <p>Applications other than those mentioned explicitly in this technical data sheet may not be carried out unless they have been discussed with Sto AG. Where no approval is given, such applications are at the risk of the user. This applies in particular when the product is used in combination with other products.</p> <p>When a new technical data sheet is published, all previous technical data sheets are no longer valid. For the latest version please visit www.sto.com.</p>