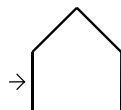


StoLastic Color

Satin matt, cold elastic dispersion paint for highly elastic coatings

Rev. INT.EN/019/02.2005

Characteristics					
Function	<ul style="list-style-type: none"> - UV cross-linked, resulting in significantly reduced soiling adhesion - Water repellent - Water vapour diffusion capable 				
Application	- Simple, smooth application				
Areas of use					
Use	<ul style="list-style-type: none"> - For exterior use - For StoLastic Crack Renovation System 				
Restrictions	<ul style="list-style-type: none"> - Do not use on lime-rich substrates and surfaces with standing water. - Do not use on surfaces soaked with plasticisers and paraffin (e.g. from incompletely removed strippers). 				
Technical data					
Product group	Reinforcing facade paint				
Composition	Polymer dispersion, titanium dioxide, calcium carbonate, talcum, water, glycol ether, aliphates, alcohol, additives, preservatives.				
Data	Criterion	Norm / Test prescript	Value	Units	
	Density (at 23 °C)	DIN EN ISO 2811-2	1,4	g/cm ³ ⁽¹⁾	
	Non-volatile content (solids)	VIQP 033 / VILS 001 (Sto internal standard)	65	M-%	
	pH value	VIQP 011 (Sto internal standard)	8 - 9		
	Water vapour transmission rate V	DIN EN ISO 7783-2 ⁽²⁾	15 - 17 ⁽⁴⁾	g/(m ² -d)	
	Water vapour diffusion sd value	DIN EN ISO 7783-2 ⁽²⁾	1,20 - 1,40	m	
	Water vapour diffusion resistance factor μ	DIN EN ISO 7783-2 ⁽²⁾	4000 - 5000		
	Liquid-water transmission rate w	DIN EN 1062-3	< 0,05 ⁽⁵⁾	kg/(m ² -√h)	
	Coating thickness	DIN EN 1062-1	200 - 400	μm	
	Lightness	DIN 5033-9	91	Y	
	Degree of gloss	DIN EN 1062-1	4 ⁽³⁾		
	⁽¹⁾ g/cm ³ = kg/dm ³ = kg/l ⁽²⁾ in deviation from the norm, samples were dried at 23 °C ⁽³⁾ at 85° ⁽⁴⁾ Class II (medium) ⁽⁵⁾ Class III (low) The values stated are average values. Due to the use of natural raw materials in our products, the actual value determined on an individual delivery may deviate slightly, without compromising product suitability.				
	Certificates / norms / approvals	Test Report P467 16.05.1994 StoLastic System, Testing flexibility, crack bridging and vapour diffusion values Polymer Institut Dr. R. Stenner GmbH in Flörsheim-Wicker			

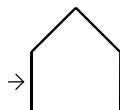


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System	
Schema / Coating procedure	<p>StoLastic System with mesh embedding</p> <p><i>Substrate preparation:</i> mechanical measures</p> <p><i>Base coat:</i> StoPrim Micro</p> <p><i>Reinforcement:</i> StoLastic Fill StoLastic Mesh RF</p> <p><i>Intermediate coat:</i> StoLastic Color</p> <p><i>Finish coat:</i> StoLastic Color</p>
Application	
Substrate	The substrate must be firm, dry, clean, load bearing as well as free of sinter layers, efflorescences and separating agents.
Substrate preparation	Test whether existing coatings are load bearing. Remove loose paint and plaster remains.
Application temperature	Minimum application and substrate temperature + 5 °C
Coating procedure	<ol style="list-style-type: none"> 1. <u>Base coat</u> Dependent on type and condition of the substrate. (e.g. StoPrim Micro) 2.1 <u>Reinforcement with mesh embedding</u> (If constructive cracks) StoLastic Fill and StoLastic Mesh RF 2.2 <u>Reinforcement without mesh embedding</u> (If plaster shell cracks as well as impact and joint cracks) StoLastic Fill 2.3 <u>Without reinforcement</u> (If light hairline cracks) 3. <u>Intermediate coat</u> StoLastic Color 4. <u>Finish coat</u> StoLastic Color
Material preparation	<p>Ready for use, can be adjusted to application consistency with max. 2 % water.</p> <p><u>Intermediate coat</u> StoLastic Color, diluted with max. 2 % water.</p> <p><u>Finish coat</u> StoLastic Color, undiluted.</p>

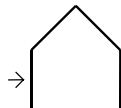


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Consumption	Article	Type of application	Consumption approx.
	0488 White	Per coat	0,35 - 0,45 l/m ²
	0621 Tinted	Per coat	0,35 - 0,45 l/m ²
The material consumption is dependent on substrate and application method.			
Application	By brush, roller, airless spray. Overcoatable after approx. 12 hours (+ 20 °C / 65 % rel. humidity). In conditions of high air humidity and / or low temperature, drying will be delayed accordingly.		
Cleaning of tools	Clean with water immediately after use.		
Supply			
Product code and name	0488 StoLastic Color, white 0621 StoLastic Color, tinted		
Packaging	Pail (PE), 15 ltr Exportpail, 15 ltr		
Colour	Available in white and tinted to the colours of the StoColor System. Strong mechanical loads can lead to colour alterations with dark, intensive colours in these locations. These locations appear somewhat lighter due to breaks in the filler or pigment abrasion from the white natural sands used or the natural fillers used. The product quality and functionality is not influenced by this.		
Finish	Satin matt		
Tinting	Can be tinted with StoColor Tint or with max. 1 % StoTint Aqua for manual tinting.		
Algae and fungus prevention	StoLastic Color can be manufactured with additional bactericidal, fungicidal and algicidal additives. When ordering, please attach the term "film preservation". (additional price). Please note that while this will prolong the prevention of algae and fungus growth, the effects are not guaranteed to last indefinitely. With additional active ingredients containing a sufficient thickness is required. This is reached usually with two layers. Highly alkaline influences reduce the effect of the film preservation.		
Storage			
Storage conditions	Store tightly sealed in frost-free conditions.		
Storage life	In unopened original containers, product can be stored for 15 months. (Relevant data: refer to packaging).		
Environment			
Disposal	Waste has to be disposed considering the local, official regulations. Material into drains to arrive do not leave. Waste key in accordance with the European Waste Catalogue: 08 01 12.		
Special notes			
Safety	For further information on handling, storage and disposal of the product, please refer to the current EU Material Safety Data Sheet, available on request for professional users.		
GISBAU-code	M-DF02		



StoLastic Color

Satin matt, cold elastic dispersion paint for highly elastic coatings

Rev. INT.EN/019/02.2005

Revision No.	INT.EN/019
Validity	19.02.2005
	Uses not clearly described in this Technical Data Sheet should only take place after consultation with Sto AG.
	The information and data serve to ensure the normal application purpose and normal application suitability.
	This Technical Data Sheet is valid outside Germany, in all countries without Sto subsidiary.
Sto AG Ehrenbachstrasse 1 D-79780 Stühlingen Germany Phone: +49 (7744) 57-1131 Fax: +49 (7744) 57-2131 E-mail: infoservice@stoeu.com Internet: www.sto.com	

Sto worldwide:

Austria Sto Ges.m.b.H. 9500 Villach	Belgium Sto nv/sa 1730 Asse	Czech Republic Sto s.r.o. 150 00 Praha	Finland Sto Finexter Oy 33720 Tampere	France Sto S.A.S. 95870 Bezons
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China Shanghai Sto Ltd. Shanghai 200001	Malaysia Sto SEA Sdn. Bhd. 47100 Puchong, Selangor	Singapore Sto SEA Pte Ltd Singapore 575625	USA Sto Corp. Atlanta, Georgia 30336-5609	