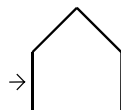


StoColor Jumbosil

Dispersion façade paint. Matt, filled with silicone resin additives.

Rev. INT.EN/038/05.2006

Characteristics					
Function	<ul style="list-style-type: none"> - Outstanding water vapour and CO₂ permeability - High filling properties - Drying without crack formation even with coarse plaster textures - Alkali resistant to DIN 18 558 - Outstanding weathering properties 				
Optics	- "Mineral" Matt Finish				
Areas of use					
Use	<ul style="list-style-type: none"> - For exterior use - For use on mineral and some organically bound substrates. 				
Restrictions	- Do not use on damp and / elastic substrates				
Technical data					
Product group	- Dispersion façade paint				
Composition	Polymer dispersion, silicone resin emulsion, titanium dioxide, calcium carbonate, silicate fillers, talcum, water, glycol ether, aliphates, additives, preservatives.				
Data	Criterion	Norm / Test prescript	Value	Units	
	Density (at 23 °C)	BS EN ISO 2811-2	1.6	g/cm ³ ⁽¹⁾	
	Non-volatile content (solids)	VIQP 033 / VILS 001 (Sto internal standard)	66	M-%	
	pH value	VIQP 011 (Sto internal standard)	7.5 – 8.5		
	Water vapour transmission rate V	BS EN ISO 7783-2 ⁽²⁾	86 - 99 ⁽³⁾	g/(m ² ·d)	
	Water vapour diffusion sd value	BS EN ISO 7783-2 ⁽²⁾	0.21 – 0.24	m	
	Water vapour diffusion resistance factor μ	BS EN ISO 7783-2 ⁽²⁾	1050 - 1200		
	Liquid-water transmission rate w	BS EN 1062-3, §10	< 0.05 ⁽⁴⁾	kg/(m ² ·√h)	
	Coating thickness	BS EN 1062-1	200	μm	
	Lightness	DIN 53 778	90	%	
	Brightness	CIE	75	%	
	Gloss	BS EN 1062-1 § 5.2	< 10 ⁽⁵⁾		
	<p>⁽¹⁾ g/cm³ = kg/dm³ = kg/l ⁽²⁾ in deviation from the norm, samples were dried at 23 °C ⁽³⁾ Class II – medium ⁽⁴⁾ Class III – low ⁽⁵⁾ Matt at 85° angle of incidence</p> <p>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.</p>				

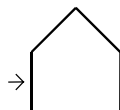


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Application			
Substrate	The substrate must be firm, dry, clean, load bearing as well as free of sinter layers, efflorescence and separating agents.		
Substrate preparation	Test whether existing coatings are load bearing. Remove loose paints and plaster remains.		
Application temperature	Minimum application and substrate temperature + 5 °C (unless the material has completely set)		
Coating procedure	<ol style="list-style-type: none"> 1. <u>Base coat</u> Dependent on type and condition of the substrate. 2. <u>Intermediate coat</u> StoColor Jumbosil 3. <u>Finish coat</u> StoColor Jumbosil 		
Material preparation	<p>Ready for use after thoroughly mixing through. Can be adjusted to application consistency with max. 10 % clean water.</p> <p><u>Intermediate coat</u> StoColor Jumbosil, diluted by up to 5 – 10% clean water</p> <p>3. <u>Finish coat</u> StoColor Jumbosil, diluted by up to 5 clean water</p> <p>For darker colours, max. 3% clean water</p>		
Consumption	Article	Type of application	Consumption approx.
	white	per coat	0.20 –25 l/m ²
	tinted	per coat	0.20 – 25 l/m ²
The material consumption is dependent on substrate and application method. Test samples on site are recommended.			
Application	<p>By brush, roller, airless spray device such as Sto-Inoflow Easy.</p> <p>Overcoatable after approx. 8 hours (+ 20 °C / 65 % RH).</p> <p>In conditions of high air humidity and / or low temperature, drying will be delayed accordingly.</p>		
Cleaning of tools	Clean with water immediately after use.		
Supply			
Product code and name	00278-001 StoColor Jumbosil, white 00278-006 StoColor Jumbosil, tinted		
Packaging	Pail (PE), 15 ltr		
Colour	<p>Available in white and tinted to the colours from the StoColor System.</p> <p>During strong mechanical load it is possible that – with intensive colours discolouration may occur. Due to the white natural moulding sands used by filler break or pigment abrasion of and/or used natural fillers, these spots may appear lighter. The product quality and functionality are not affected.</p>		
Gloss	Matt.		
Tinting	Can be tinted manually with StoColor Tint Aqua or tinted to StoColor system by Sto Ltd sales centre.		
Algae and fungus protection	<p>StoColor Jumbosil can be manufactured with additional bactericidal, fungicidal and algicidal additives. When ordering, please attach the term “film preservation”. (Additional Price)</p> <p>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, i.e. 2 layers. Highly alkaline influences reduce the effect of</p>		



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	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-DF01	
Revision No.	INT.EN/038	
Validity	05.2006 Uses not clearly described in this Technical Data Sheet should only take place after consultation with Sto Ltd. The information and data serve to ensure the normal application purpose and normal application suitability. This Technical Data Sheet is valid in all countries without Sto subsidiary.	
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