

# StoColor Maxicryl

Pure acrylate based facade paint.

### Product characteristics

Water dilutable, ecologically and physiologically harmless.

High resistance to the effects of ageing, UV light and weathering.

Excellent protection against driving rain and aggressive atmospheric influences.

Excellent adhesion on mineral and organic substrates.

Universally tintable and excellent colour stability.

Matt finish.

Scrubbable to DIN 53 778.

Excellent application properties with roller, brush and airless spray.

### Material description

#### Type of material

Dispersion paint, water dilutable.

#### Product classification

Matt pure acrylate facade paint, highly covering.  
GISBAU-Code: M-DF02.

#### Composition

Acrylate dispersion, inorganic pigments, fillers, water, ester, additives, preservatives.

### Uses

#### Areas of use

For exterior use.

#### Restrictions

Do not use on damp substrates.

Uses not clearly described in this Technical Data Sheet should only take place after consultation with Sto AG.

### Application

#### Substrate preparation

The substrate should be load-bearing, level, clean and dry. Remove loose paint and plaster coatings.

#### Coatings procedure

Undercoat (if necessary)  
Undercoat according to type and condition of substrate (Table 1)

#### Intermediate coat

StoColor Maxicryl, diluted by 5-10% with water.

#### Top coat

StoColor Maxicryl, diluted by up to 5% with water.

#### Material preparation

StoColor Maxicryl is ready to use but can be diluted by up to 10 % with water.

#### Application

By brush, roller or airless spray. (Table 2).

### Consumption

Approx. 0,30 – 0,35 litres (= 0,45 – 0,50 kg) per m<sup>2</sup> for 2 coats. Consumption will vary according to the substrate and the thickness in which the product is applied.

### Application temperature

Air and substrate temperature should not be less than + 5 °C.

### Drying time

StoColor Maxicryl dries physically by water evaporation. At 20 °C and 65% relative humidity, the product can be overcoated after approx. 8 hrs.

**Drying times will be prolonged by lower temperatures or higher humidity.**

### Cleaning of tools

Immediately after use with water.

### Protective measures

No special protective measures (e.g. face masks) are necessary.

### Disposal

Dried or set material can be disposed of with normal household rubbish. Old, non-set material should be mixed with cement, left to dry and then disposed of.

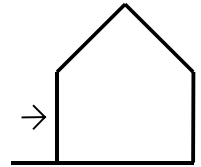
### Delivery

#### Product code and name

0201 StoColor Maxicryl, white  
0600 StoColor Maxicryl, tinted

## TECHNICAL DATA SHEET

No. 0201/INT/EN  
Rev.-No. 06/04.1997



# StoColor Maxicryl

**Packaging**  
15l pail

**Colours**  
Available in white and in the 390 colours of the StoColor System (at extra cost, according to the StoColor Chart).  
StoColor Maxicryl can be mixed with up to 10% StoColor Tint.

**Algae and fungus prevention**  
StoColor Maxicryl can be manufactured (at extra cost) with additional bactericidal, fungicidal and algicidal additives.

If required, please add the code "BFA" when ordering.  
Please note that while this will prolong the prevention of algae and fungus growth, the effects are not guaranteed to last indefinitely.

### Storage and transport

**Storage**  
Store in dry, frost free conditions.

**Transport**  
No special protective measures or hazardous goods markings are necessary.

### General information

For all contracts - whether made verbally or in writing - Sto AG general conditions of sale apply.

**Validity**  
This Technical Data Sheet is valid outside Germany, in all countries without Sto subsidiary.

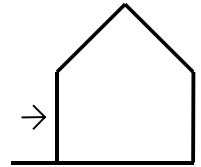
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E-Mail: [infoservice@sto.eu](mailto:infoservice@sto.eu)

Internet: [www.sto.com](http://www.sto.com)

Table 1: Priming coats		Type of primer (if necessary)
Substrate		
Base plaster	new old	Stoplex W StoPrim Grundex
Concrete		Stoplex W
Old dispersion paint		Stoplex W
Glascal panels	new old	StoPrim Activ StoPrim Activ
Lime sandstone		StoPrim Micro
Lime cement plaster	new old	Stoplex W StoPrim Grundex
Old synthetic resin plaster		Stoplex W
Silicate paint/plaster		Stoplex W
Silicone resin paint/plaster		Stoplex W
Sheet zinc		StoPrim Corrostop
Cement-bound wood particle boards	new old	StoPrim DD StoPrim DD

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Table 2: Airless spray values				
Nozzle size inches	Nozzle size mm	Spraying angle	Pressure bars	Water added
0.019-0.021	0.49-0.53	40°-60°	150-200	max. 5 %

Table 3: Physical properties	
Density at 20 °C	1.5 kg/dm <sup>3</sup>
Solids	63 %
pH value	8.2
Water vapour permeability (to DIN 52 615): μH <sub>2</sub> O value s <sub>d</sub> value (coating thickness 137μm)	6600 0.9 m
Water absorption and rain protection (measured to DIN 52 617 on lime sandstone): Water absorption coefficient w <sub>24</sub> Water vapour diffusion flow density WDD	0.03 kg / m <sup>2</sup> h <sup>0.5</sup> 0.94 g / m <sup>2</sup> h
CO <sub>2</sub> impermeability	μCO <sub>2</sub> = 1 730 000
Lightness value (to DIN 53 778) at 200 μm wet film coating thickness	90.7 %
Whiteness value (to CIE [D65]) at 300 μm wet film coating thickness	78.4 %

### Sto worldwide:

<b>Austria</b> Sto Ges.m.b.H. 9500 Villach	<b>Belgium</b> Sto Isoned nv/sa 1730 Asse	<b>Czech Republic</b> Sto s.r.o. 150 00 Praha	<b>Finland</b> Sto Finexter Oy 33720 Tampere	<b>France</b> Sto S.A. 92023 Nanterre
<b>Germany</b> Sto AG 79780 Stühlingen	<b>Hungary</b> Sto Építőanyag Kft. 2330 Dunaharaszti	<b>Netherlands</b> Sto Isoned bv 4004 KD Tiel	<b>Norway</b> Sto Norge A/S 0664 Oslo	<b>Poland</b> Sto Sp. Z o.o. 03-872 Warszawa
<b>Sweden</b> Sto Scandinavia AB 582 77 Linköping	<b>Switzerland</b> Sto AG 8172 Niederglatt	<b>United Kingdom</b> Sto Ltd. Paisley PA3 3BQ	<b>USA</b> Sto Corp. Atlanta, Georgia 30336-5609	
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