

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

M-DF02 dispersion paint, water dilutable.

Product classification

Matt pure acrylate facade paint, highly covering.

Composition

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

Uses

Areas of use

For interior and exterior use.

Restrictions

Do not use on damp substrates.

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 2)

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.

Consumption

Approx. 0.3-0.35 litres or 0.45-0.5 ltr per m² for 2 coats. Consumption will vary according to the substrate and the thickness in which the product is applied.

Minimum 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.

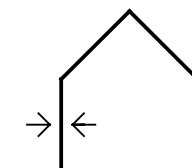
Delivery

Product code and name

00201-014
StoColor Maxicryl, white
00201-044
StoColor Maxicryl, tinted

Packaging

15l pail



StoColor Maxicryl

Colours

Available in white and in the 800 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.

No special protective measures or hazardous goods markings are necessary.

Storage and transport

Storage

Store in dry, frost free conditions.

Transport

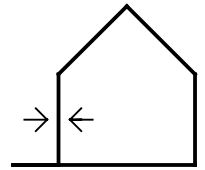
Table 1 Physical properties	
Density at 20 °C	1.5 kg/dm ³
Solids	63 %
pH value	8.2
Water vapour permeability (to DIN 52 615): μH ₂ O value s _a value (coating thickness 137μm)	6600 0.9 m
Water absorption and rain protection (measured to DIN 52 617 on lime sandstone): Water absorption coefficient w ₂₄ Water vapour diffusion flow density WDD	0.03 kg / m ² h ^{0.5} 0.94 g / m ² h
CO ₂ impermeability	μCO ₂ = 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 %

Table 2 Priming coats	
Substrate	Type of primer (if necessary)
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



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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

Table 3 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 %

Contract Terms

Liability for defects caused through construction settlement or movement, misuse, mis-handling, improper storage, improper application, improper combination

with Sto products or those from third parties, or failure to follow Sto's specifications or application procedures, will not be accepted under any circumstances.

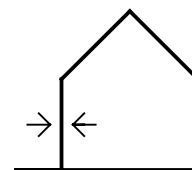
For all contracts, whether made verbally or in writing, Sto Ltd general conditions of sale as printed in the price list apply.

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