

StoColor Rapid

A high opacity, matt dispersion paint for interior use, washable

Product Characteristics / Advantages

Emissions, solvent and plasticiser free.

Single-layer paint with excellent hiding power.

Water dilutable, physiologically and ecologically safe.

Excellent adhesion to concrete, plaster, wallpapers, new and old synthetic resin plasters and paints.

Excellent application properties with roller, brush or airless spray.

StoColor Rapid is favourable to a comfortable room climate due to the high sorption capacity and the high water vapour permeability.

Excellent whiteness and excellent opacity.

Matt conforming to DIN 53 778.

Washable conforming to BS EN 13 300.

Limited tinting from the colours of the StoColor System.

Material Description

Binder Base

Styrene-acrylate copolymer.

Fillers

Carbonates and silicates.

Pigments

Titanium dioxide.

Additives

Anti-foaming agent, thickeners, preservatives.

Diluting Agent

Clean water.

Uses

Areas of Use

For interior use on walls and ceilings.

Note

Do not use on damp substrates.

Application

Surface 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 (see table 2).

Intermediate Coat

StoColor Rapid, diluted by approx. 10 % with clean water.

Top Coat

StoColor Rapid, diluted by up to 5 % with clean water.

Material Preparation

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

Application

By brush, roller or airless spray. May also be applied using the Sto-Paint Roller.

Consumption

Approx. 0.10 - 0.15 l/m² per coat. Consumption will vary according to the substrate and the method of application.

Application Temperature

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

Drying Time

StoColor Rapid dries physically by water evaporation. At + 20 °C and 65 % relative humidity the product will be touch dry in 4 - 6 hours and can be overpainted immediately after drying. Drying times will be prolonged by low temperatures and/or high humidity.

Cleaning of Tools

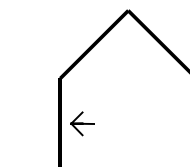
Immediately after use with water.

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.



StoColor Rapid

Test Reports

Evaluation of emissions and toxicological and environmentally relevant contents.

Delivery

Product Code and Name

00229-007
StoColor Rapid, white.
00229-046
StoColor Rapid, tinted.

Packaging

15 l pail.

Colours

Available in white. Can be tinted according to colour numbers ending in 6 - 12 and 22 of the old StoColor System and according to the colour numbers ending in 5 - 8, 13, 22 - 24 of the new StoColor System (extra charge see colour chart). StoColor Rapid may be tinted with StoColor Tint (10 % maximum addition).

Algae and Fungus Prevention.

StoColor Rapid 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 frost free conditions.

Transport

No special protective measures or hazardous goods markings are necessary

Table 1. Physical values

Density	1.4 g/cm ³
Solids	55 %
pH value	approx. 8 - 9
Lightness value (at 200 µm wet film thickness according to DIN 53 778):	89
Brightness value (at 300 µm wet film thickness according to CIE (D 65)):	81

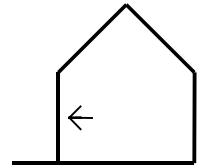
Table 2. Priming coat

Substrate	Type of Coating (if necessary)
Base plaster	new old StoPrim Plex StoPrim Plex
Concrete	StoPrim Plex
Gypsum plaster boards	StoPrim Isol
Gypsum plaster	StoPrim Plex
Wood chip boards	StoPrim Isol



TECHNICAL DATA SHEET

9662/057-1
rev. no. 02/06.96/A



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Table 3. Airless spray values

Spray nozzle size inch	Spray nozzle size mm	Spray angle	Pressure in bar	Dilution amount
0.021	0.53	40 ° - 60 °	140 - 200	up to 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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