

Prince Color[®] Multi Top FS

Strong hydrophobic façade paint based on silicone resin with excellent registration.

Extent of use

Suitable for solid mineral surfaces such as render, plaster (P Ic, II u. III), lime sand and brick masonry, mineral and silicate paints, well adhering dispersion coatings and final coats based on synthetic resin and silicone; also suitable for external thermal insulation composite systems. As additional protection of the coating against algae and fungus.

Product attributes

Microporous, alkali resistant, weather and dirt resistant, highly water vapour and carbon dioxide permeable, colour tint stable.

Technical Datasheets

Composition	Silicone resin emulsion, styrene acrylate dispersion, titanium dioxide, silicates, additives, preservatives	
Density Specific gravity	Standard:	1.55 g/cm ³
	MIX:	1.49 -1.40 g/cm ³
Colour shades	Standard: white MIX BASF: approx. 5,000 colour tints (observe lightness value > 20% on external thermal insulation composite systems for hues)	
Sheen level	Matt	
Pack sizes	Standard: 10 l and 3 l MIX BASF: 10 l, 3 l	
Storage	Cool but above freezing point. Storable for approx. 12 months in firmly closed original containers. Seal open containers airtight and use up soon.	
Application	By brush, roller, airless spray or SprayButler system. (Refer to spray table for spraying data.)	
Application temperature	Do not use or dry below +5 °C (air and surface temperature). (Do not use in direct sunlight or in very warm, dry weather.)	
Spreading rate (per coat)	Approx. 180 - 200 ml/m ² in case of fine render texture. Non-binding reference values since surfaces and their consumption rates vary. Carry out a test application to assess the exact spreading rate.	
Drying times (20°C, 65% relative air humidity)		Recoatable after 10 - 12 hours.
Facade protection parameters	Diffusion equivalent air layer thickness sd: < 0.1 m Water absorption coefficient W24: < 0.1 kg/m ² h ^{-1/2}	
Tint	According BASF samples	
Dilution	Water	
Cleaning of tools	With water immediately after use.	
Hazard designation	See valid safety data sheet.	

Surfaces and coating system

Surfaces must be solid, clean, dry and free of grease, wax, silicone and dust (see VOB, part C, DIN 18363, 3.1.1 in particular).

Surface preparation

New surfaces:

Remove all soiling and clean surfaces. Remove any sinter layers. Mineral render must be sufficiently carbonised and be left untreated for 2-4 weeks depending on weather conditions and mortar group. Check alkalinity by means of phenolphthalein or indicator paper.

Old surfaces:

Clean surfaces thoroughly wet or dry. The required surface preparation (cleaning and priming) must be adapted to the nature of the surface. When using high-pressure hot-water jets the temperature must be below 60°C. The minimum distance between the lance and the object amounts to 70 cm. Observe drying times for subsequent coats. (If external thermal insulation composite systems exist, high-pressure water jets should not be used due to possible water absorption.)

Fungoid growth and algae require specific cleaning and a secondary treatment with Prince Color[®] Multi Top FC. We recommend our special coating systems for cracked surfaces. Remove all brittle paintwork and old coatings in poor condition entirely and clean surfaces (mechanically or by means of a suitable paint remover).

In case of application-related problems, please contact our technical consultancy service.

Note:

If the product is a part of a relevant ETICS MultiTherm[®] system (kit) adequate to particular ETA and the product will be parallelly used in accordance with topical version of this Technical Data Sheet and with topical version of technological instruction for façade thermal insulation systems MultiTherm[®] then following relevant CE marks are referred to the product.



Priming

Use Prince Color® Multigrund PGS, consumption: approx. 140 ml/m² depending on surface absorptivity.

The primer can be diluted with up to approx. 30% of water depending on the surface absorptivity.

Surface	Pretreatment	Primer
New plaster (P Ic, II, III)	See "Surface preparation". Allow plaster to set appropriately according to standard plastering rules.	If necessary: Prince Color® Multigrund PGS
Old plaster (P Ic, II, III)	Allow all new plaster patches to dry thoroughly, neutralise with fluorosilicate and rinse.	Prince Color® Multigrund PGS
Fair-faced brickwork	Outside, only frost-resistant bricks without inclusions (sand, clay lumps, etc.) are suitable for coating. The brickwork must be perfectly jointed without cracks and dry. Remove all efflorescence with a dry brush or remove professionally according to BFS code of practice No. 13.	Prince Color® Multigrund PGS or use primer with solution
Fair-faced lime-sand brickwork	Outside, only frost-resistant, perfectly jointed fair faced bricks are suitable. New brickwork must dry appropriately (for at least 3 months). Remove all efflorescence with a dry brush.	Prince Color® Multigrund PGS or use primer with solution
Old synthetic resin plaster in good condition	See "Surface preparation".	Prince Color® Multigrund PGS
Old whitewash and mineral paint coat(ing)s	Remove thoroughly mechanically and remove dust.	Primer based on solution

Undercoat

Prince Color® Multi Top FS diluted maximum 5% with water.

Topcoat

Undiluted.

Please note

Prince Color® Multi Top FS is protected from organic-biological soiling such as algae ex works. Under unfavourable circumstances, however, its formation is possible.

When using dark, luscious colour shades via BASF colour samples it is recommended to neutralise problematic surfaces with fluorosilicate (Prince Color® Multigrund PGI - salt).

Due to the high CO₂ permeability the use of Prince Color® Multi Top FS as concrete protection coating is not recommended.

Safety instruction

Suitable only for intended purpose. Provide sufficient ventilation during and after use indoors. When spraying:

Do not breathe aerosol. Observe standard safety measures.

Product code: M-SF01.

VOC content: EU limit value for the product (cat. A/c: 75g/l (2007); 40g/l (2010)). This product contains 75g/l max.

Information for architects and engineers

Consultations on the building sites, additional information, tests approvals and samples descriptions are available at the local technical offices or directly in company residence.

Disposal information

Product is to be disposed in accordance with particular rules and law valid in the country of usage.

BASF Stavební hmoty Česká republika s. r. o.
K Májovu 1244
CZ-537 01 Chrudim
T: +420 469 607 111
F: +420 469 607 112
E-mail: info.cz@basf.com
www.basf-sh.cz