

OPTIMAT Silicone Interior Matt Paint

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Water based, acrylic resin based, preventing, flexible, extra hiding power, silicon- added, decorative matt top coat interior paint.

FEATURES

- Extra hiding power
- Resistance to discoloration
- Dust and dirt proof
- High vapor permeability
- Water-repellent
- Silicon additive
- Odorless and flexible
- Low VOC
- Prevents paint from blistering and splitting caused by humidity

RECOMMENDED FOR

Interior surfaces such as plaster, concrete, eternit etc.

SURFACE PREPARATION

All surfaces must be smooth, dry and cleaned of dirt and dust. Cavities and cracks should be filled and a uniform flat surface can be achieved.

APPLICATION

If the surface has solvent based paint, TRANSFER PRIMER should be applied. FILLER PRIMER should be applied on mineral based low absorbing non-dusting raw surfeces as a single coat. MIKRON ACRYLIC PRIMER should be applied on the surfaces which have the application of plaster to prevent dust emission. It should be applied to surfaces in two coats after 18-24 hours of application of primer. On between coats, should be waited at least 4 hours. The ambient and surface temperature should be between 5-30 °C during application.

Application Features

Thinning Ratio	15-20% with water
Application Temperature (ºC)	5-30
Coverage (m^2/L)	20-22 (one coat)

Application Equipment

Apply with brush or satin roller.

Aydınlı Boya San. ve Tic. A.Ş.
Address:Muttalip Sanayi Bölgesi 6.Cadde no:7 Tepebaşı / Eskişehir
www.aydinliboya.com.tr

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Sample Text



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TECHNICAL SPECIFICATIONS

Product Features		Standard
Resin type	Acrylic copolymer	-
Color	See color catalog	-
Gloss	Matt	TS EN ISO 2813
Solids% (by weight)	62 - 65	ASTM D 4209
Solids% (by volume)	44 - 46	ASTM D 4209
Viscosity (cPs, 25ºC)	9000-11000	ASTM D 2196
Density (g/cm^{3,} 20 °C)	1.34 - 1.38	TS EN ISO 2811
pH (25 ° C)	8.0 - 9.0	ASTM E 70

Drying Time (20 °C)

Touch dry (min)	15
Surface drying (minutes)	30
Recoat (h)	4
Full dry (h)	4

** The specified drying time; temperature, humidity, such media may vary depending on the application thickness and application conditions.*

TS Classification

It confirms with TS 5808 and certificated TSE standart.

Poz No

04.551/04, Y.25.003/08, Y.25.003/23, Y.25.003/24, Y.25.003/25

STORAGE and PACKAGING

Packaging Information	3,5 KG 10 KG 20 KG
Storage Conditions	It should be stored in a closed container without being exposed to direct sunlight. The ambient temperature while storage should be between 5-35 °C. Keep container closed when not in use. Preserve against freezing.

HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging.
Product of the safety data sheet should be treated by the rules.
Refer to the nearest health facility for unexpected health problems.

LEGAL NOTES

All the information and guidelines given in this technical bulletin was formed and developed through the experience in the laboratories of PB, and was systematically collected by our field engineers. “Polisan Kansai Boya"has the right to make changes in the product where necessary, without notice. The information given above is valid for the product from the date of publication.It is the user's responsibility to verify the accuracy of the information. The product should be used based on the technical information form for the recommended purpose. It is the responsibility of the users to implement all measures for the fulfilment of the specified requirements. The data in the technical information form is designed to give descriptions of the product performance, under specific test conditions. An important factor in product performance is the variables that may occur in the initial process which should be used as a general guide to the user. Any unauthorised use of this product not covered in the written guidelines, PB will not be held legally responsible. It is always the responsibility of the user to take all necessary precautions regarding specific requirements of the law set out in local and national legislation. Follow the rules of the safety information provided in the Safety Data Sheet regarding operating procedure of the product, protective equipment, storage, fire and first aid etc. Conditions regarding the use of this product after its end date has no warranty. We can not accept responsibility for products past their expiry date. Responsibility can not be accepted.

Please contact the Technical Service department for more detailed information about the product.