

MONOCRYL® HS G133

Micaceous Iron Oxide Paint

High-Solids

Product Description

Solventless high-solids micaceous iron oxide paint on modified synthetic resin basis with good weather-resistance and adhesion to galvanized surfaces. The drying and application properties result in an ideal rolling and brushing application on large-surface objects. In one operation 80 µm dry film thickness can easily be achieved.

Areas of Application

Hot dipped galvanized surfaces such as lattice pylons, candelabra, transformer stations, tank roofs and shells, etc.

Can also be used as a paint remediation on manually derusted steel (at least 2 coats at 80 µm), old 1C-coatings and in conjunction with appropriate 1C-+ 2C-primers as top coats for steel constructions.

The brushing and rolling application of certain colours may be restricted or can even be impossible!

Application

Brushing and rolling.

To prevent streaking and achieve an optically pleasing appearance when using paints containing micaceous iron oxide, it is recommended that the final coat be rolled or brushed in one direction only.

Do not apply at temperatures below + 5 °C. To prevent moisture condensation during application, surface temperature must be at least 3 °C above dew point.

We recommend, on a sample surface before effecting the application, to test if the appearance with the chosen application method fulfills the requirements.

Addition of Thinner

Brushing and Rolling	0 - 5 wt.-%	V1
Spraying	10 - 15 wt.-%	V1

Special Notes

Our indications are based on normal climate 23/50. The information contained in this technical data sheet is based on general technical standards and is meant for specialists. Any changes in the recommended operating procedures or specified environmental conditions may significantly influence the results. Our guarantee covers only the quality of the material delivered. We do not accept any responsibility for the application. In case of doubt, we re-commend contacting our Technical Service. Our products are under constant development. Therefore, please note date of issue of our technical data sheet and ask for the latest edition.

Safety Measures

Monocryl HS G133 contains solvents and is combustible. Protect from heat and keep away from naked flames. Ensure that ventilation is adequate. Do not inhale vapours. The Safety Data Sheet as well as the general regulations regarding work hygiene and operational measures must be observed.

Technical Data

Binder	Modified synthetic resin
Pigmentation	Micaceous iron oxide
Finish	Matt
Color	According to our micaceous Iron Oxide color chart. Paints may differ depending on the application method. To avoid colour variances on a particular object, material with the same batch number should be used.
Substrate	Hot dipped galvanized surfaces, manually derusted steel (St 3) as well as 1C- and 2C-primers, e.g.: - Protopol F80 - Zimo K1 - Duopol Z60 - Hempaprime Multi 500 Substrate must be dry and free of grease and dust. Thorough brushing of the surface is usually all that is necessary with hot dipped galvanized surfaces.
Thinner	V1 (The use of other thinners can lead to defects and loss of quality.)
Packaging	5, 10 and 20 kg disposable containers
Storage	6 months in original, unopened containers at a temperature of 20 °C.
Waste disposal	Residues and expired material are considered as special refuse and must be treated as such.

Components	1
Drying (23 °C)	Dust-dry approx. 2 hours Dry to touch approx. 8 hours Drying times depend on film thickness, substrate and air temperatures.

Solids content	by weight: approx. 76 %	} grey
Density (20 °C)	by volume: approx. 59 %	
Theoretical consumption	approx. 1,45 kg/l	
	approx. 190 g/m ² @ 80 µm	

	Monocryl HS G133	V1
VOC value	31 %	100 %

(replaces issue 07.09)

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