

SILRES® MP 50 E

SILICONE RESIN EMULSION

Product description

SILRES® MP 50 E is a methyl phenyl group containing silicone resin emulsion.

Special features

In combination with suitable temperature stable pigments, fillers and additional organic binders, SILRES® MP 50 E is the optimum binder for heat resistant water-borne paints.

Before use, SILRES® MP 50 E has to be stirred well. Guide formulations are available on request.

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required

for the intended use must be checked for quality assurance reasons.

Additional information

FDA/ BfR Status

SILRES® MP 50 E is suitable for use under Recommendation XV. Silicones of the BfR and the FDA 21 CFR 175.300 Resinous and Polymeric Coatings. Organic solvents have to be completely removed from the final coating which also is subject to extraction limits under § 175.300.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		white milky emulsion
Solvent content (xylene)		< 8,0 %
Solids content	1 h / 200°C (392°F)	50 ± 2 %
Viscosity, dynamic at 25 °C	Brookfield	100 - 200 mPa.s
Density at 25 °C	DIN 51757	1,08 g/cm ³
Emulsifier		nonionic
Flash point	ISO 3679	45 °C
Ignition temperature (liquids)	DIN 51794	450 °C

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG. SILRES® is a trademark of Wacker Chemie AG.

For technical, quality, or product safety questions, please contact:

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info.silicones@wacker.com

www.wacker.com