

# SILRES® MPF 52 E

## Product description

SILRES® MPF 52 E is a methoxy functional terminated silicone resin emulsion which contains methyl phenyl groups.

- fire places
- flues
- pots and pans
- exterior metal coatings

## Properties

In combination with suitable temperature stable pigments and fillers SILRES® MPF 52 E is the optimum binder for heat resistant water-borne coatings. SILRES® MPF 52 E is also mixable with organic waterborne binders to modify heat- or weathering resistant coatings.

## Processing

Before use, SILRES® MPF 52 E has to be stirred well.

Guide formulations are available on request.

## Special features

- **good heat stability**
- **fast air drying**
- good hardness
- mixable with organic binders
- improve weather resistance

## 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.

## Application

- **muffler, exhaust pipe system**
- **furnaces**
- oven, stoves
- **stacks**

## 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
Solids content		57 - 63 %
Viscosity, dynamic at 25 °C	Brookfield	20 - 300 mPa.s
Density at 25 °C	DIN 51757	1,105 g/cm <sup>3</sup>
Emulsifier		nonionic
Flash point	ISO 3679	60 °C
Ignition temperature (liquids)	DIN 51794	458 °C
pH-Value at 20 °C	Indicator strips	7 - 9

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

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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

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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](http://www.wacker.com)