

EBOLIT SIL

TECHNICAL DATA SHEET TL 611/2011

Date of issue: 10.5.2011

Date of revision: 3.7.2025

Product characteristics

EBOLIT SIL green is a solution of methylphenylsilicone resin in toluene containing pigments and fillers.

Use:

EBOLIT SIL green is used as a highly heat-resistant coating with heat resistance above 500 °C. It is also used as an electrical insulating varnish in the manufacture of electric motors and in the insulation of electrical rotating machinery designed for permanently wet environments. It does not dry out without heat curing and forms a flexible and semi-elastic film after curing.

Product features

EBOLIT SIL green is a viscous liquid, coloured according to the used pigment.

EBOLIT SIL green must comply with these features:

<i>quality</i>	<i>value</i>
Dry matter content in %	55 to 65
Consistency F4/23 °C	120 to 250

Product processing

Application of paint by brush, dipping or spraying, usually multiple coats. After drying, firing at 250 °C for 1 hour or at 260 °C for 40 minutes.

The product must be properly mixed before each use!

Packaging, storage

EBOLIT SIL green is supplied in cans of capacity 5 or 10 litres or in other pre-arranged packaging. It is stored in sealed packages, protected from direct weathering. Recommended storage temperature is +5 to +25°C, hidden from direct sunlight or near heat sources.

Transport

EBOLIT SIL green is transported by covered means of transport in accordance with ADR/RID regulations.

Warranty period

If the product is transported and stored according to the above conditions, its warranty period is 12 months from the date of removal.

Note

Data on the properties of the product and its processing were obtained by laboratory measurements and application tests. This data sheet can only provide legally non-binding advice, the product processing must be adapted to the specific conditions.