

# EBOLIT 511

## TECHNICAL DATA SHEET TL 525/2009

Date of issue: 22.6.2009

Date of revision: 3.7.2025

### Product characteristics

**EBOLIT 511** is a solution of a low molecular weight epoxy resin in an organic solvent.

### Use:

**EBOLIT 511** is designed for penetration and impregnation of porous materials. It is applied on a clean substrate free of grease and mechanical impurities. Depending on the quality of the surface, the coating is applied in one or more layers.

### Product features

**EBOLIT 511** is a colourless to pale yellow low viscous liquid with a characteristic odour, immiscible with water. It is dilutable with acetone, toluene and butyl acetate.

**EBOLIT 511** must comply with these features:

<i>quality</i>	<i>value</i>
Epoxide equivalent in dry matter in g.mol <sup>-1</sup>	234-320

### Product processing

This product as a penetrating varnish is created by perfect mixing of both components. The lifetime of the resin-hardener composition is about 24 hours. The minimum temperature at which the primer can be applied is 15 °C. When applying, care should be taken to ensure that the substrate is saturated but that a dry varnish layer does not form on the surface. Usually one coat is sufficient. Washing and cleaning of work tools is carried out immediately after the work is finished with an organic solvent.

### Packaging, storage

**EBOLIT 511** is supplied in metal drums of 200 litres or in other pre-arranged packaging. It is stored in sealed packages, protected from direct weathering. Recommended storage temperature is +5 to +30°C, hidden from direct sunlight or near heat sources. Storage at temperatures below 0 °C does not adversely affect the application properties of the product.

### Transport

**EBOLIT 511** 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.