

Product Data Sheet

Lucosoil® 2590R

1. Product description

Lucosoil®2590R is an aqueous, functionalized mixed polymer dispersion for soil stabilization and other binding applications based on acrylic esters.

2. Properties

- Good binding to and between mineral aggregates
- Good binding to and between organic aggregates
- High cohesion
- Almost colorless

3. Applications

- Binder for soil stabilization eg. Sand, fibres, wood dust, etc.
- Surface film applications

4. Storage

When Lucosoil®2590R is stored in tanks, proper storage conditions must be maintained. If stored in the original, unopened containers at temperatures between 0 - 30 °C, Lucosoil®2590R has a shelf life of approx. 6 months. The use of containers and equipment made of ceramics, rubberized or enamelled materials, appropriately finished stainless steel, or plastic (e.g. rigid PVC, polyethylene or polyester resin) is recommended.

5. Preservation for transport, storage and further processing

Lucosoil® 2590R is adequately preserved during transport and storage if kept in the original, unopened containers. The product has a shelf life of 6 months from delivery date, provided it is stored in a cool place and is protected from freezing. The product is sensitive to multivalent ions e.g. iron, copper, zinc, and aluminum. Contact of the product with these metal ions may affect the stability of the product. This applies not only to storage tanks, but also to pipelines, stirrers, product containers, etc.

6. Additional information

If Lucosoil® 2590R is used in applications other than those mentioned, the choice, processing and use of Lucosoil® 2590R is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

7. Safety notes

Comprehensive instructions are given in the corresponding Safety Information Sheet (SI).

Data Sheets are available upon request from LUCOBIT AG sales offices.

Typical general characteristics	Test Method	Value
Solids content	DIN EN ISO 3251	49 – 51 %
Viscosity, dynamic at 20 °C	DIN EN ISO 2555	150 – 250 mPa.s
pH-Value	DIN/ISO 976	8,0 – 9,0
Frost resistance	LUCOBIT method	protect from freezing
Density (23°C)	LUCOBIT method	app. 1-1.2 g/cm ³
Appearance	LUCOBIT method	Off-white

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

The product mentioned herein is not intended to be used for medical, pharmaceutical or healthcare applications; and we do not support its use for such applications. To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, we do not assume any liability for the accuracy and completeness of these information. LUCOBIT AG gives no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use as well as the appropriate processing and handling of our products. No liability is accepted with respect to the use of LUCOBIT AG products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any other third party materials.