

Melflux[®] 4930 F

High-performance superplasticizer for cement based construction materials

Characteristics / Chemistry

Melflux[®] 4930 F is a free-flowing, spray dried powder of modified polycarboxylic ether.

Fields of Application

Melflux[®] 4930 F is especially optimized for plastification and water reduction of cementitious construction materials.

Melflux[®] 4930 F provides fast wetting behaviour.

Fields of application are e.g.

- ➔ self-levelling underlayments (SLU)
- ➔ feather-edge products
- ➔ non-shrink grouts
- ➔ screeds
- ➔ self-levelling floor screeds
- ➔ repair mortars
- ➔ injection mortars
- ➔ tiles adhesives and joint fillers

Technical Data

Physical shape	powder
Appearance	characteristic yellowish to brownish
Drying loss, [%]	max. 2.0
Bulk density, [kg/m³]	300 to 600
pH-value (20 °C), 20 % solution	6.5 to 8.5
Dosage recommendation, [%] in relation to weight of binder	0.05 to 1.00

Further Technical Data

Packaging	15 kg paper bags
Storage	to be stored in its unopened original packaging, store dry below 40 °C and protect from excessive heat; no double stacking of pallets , may cake when exposed to pressure and friction
Shelf life	1 year
Storage class	11 (combustible solids)
Transport regulation	not known as a dangerous good according to transport regulations

Melflux® 4930 F is a superplasticizer based on latest polymer technology. These types of superplasticizers typically contain certain side chains based on polyethylene glycol. Due to raw material synthesis of the polyethylene glycol, the nature of radical polymerization and the composition, it is known that this technical product has some natural colour variations from nearly colourless to yellowish up to slightly brownish. However, these colour variations have no influence on the application performance of the product. It is not known that the product colour changes significantly over time under normal storage conditions.

This information and all further technical advice are based on our current knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of goods. Performance and suitability of the product described herein have to be verified by testing, which has to be carried out only by qualified experts in the sole responsibility of the customer. Reference to trade names used by other companies is neither a recommendation nor an implementation that similar products could not be used. Customer is obliged to keep the disclosed samples and any related information under strict confidence and shall neither analyze such samples nor disclose them to third parties. In addition our general terms and conditions for sale are valid.

Issue: January 2017

This technical note is valid until replaced by a new issue.

BASF Construction Solutions GmbH

Dr.-Albert-Frank-Straße 32, 83308 Trostberg / Germany

Tel.: +49 8621 86-16 * Fax: +49 8621 86-29 95

www.basf-construction-solutions.com * construction-solutions@basf.com