

R+D Melflux[®] SELECT 4411 F

High-performance superplasticizer for ternary self-levelling underlayments with outstanding temperature robustness

Characteristics / Chemistry

R+D Melflux[®] SELECT 4411 F is a free-flowing, spray dried powder of modified polycarboxylic ether.

Fields of Application

R+D Melflux[®] SELECT 4411 F is especially optimized for fluidification of ternary self-levelling underlayments based on CAC (calcium aluminate cement), OPC (ordinary Portland cement) and calcium sulphate (hemihydrate resp. anhydrite).

R+D Melflux[®] SELECT 4411 F provides fast wetting behaviour (fast mixing time) and outstanding temperature robustness.

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

R+D Melflux® SELECT 4411 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.

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Issue: December 2018

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

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