

R+D HyCon[®] R 3660 F

Setting retarder in powder form for flowable dry mortar products based on calcium aluminate cement (CAC)

Characteristics / Chemistry

R+D HyCon[®] R 3660 F is a setting retarder for ternary based binder systems containing ordinary Portland cement, calcium aluminate cement and a sulfate source.

Fields of Application

R+D HyCon[®] R 3660 F influences with improved selectivity the aluminate reaction of the inorganic binder resulting in an enhancement of rheology, open time, ageing and temperature stability of the corresponding dry-mortar product. In combination with R+D Melflux[®] SELECT 6130 F it also allows a reduction of Li₂CO₃ (to a minimum of 0 % in suitable formulations).

R+D HyCon[®] R 3660 F is especially suitable for flowable applications based on ternary binders, e.g.:

→ Self-levelling underlayments

Technical Data

Physical shape	powder
Appearance	characteristic, white to slightly coloured
Drying loss, [%]	max. 2.0
Bulk density, [kg/m³]	650 to 850
pH-value (20 °C), 20 % in water	10.0 to 11.4
Dosage recommendation, [%] in relation to weight of dry mortar	0.2 to 0.7

Further Technical Data

Packaging	25 kg paper bags
Storage	to be stored in its unopened original packaging, store dry below 40 °C and protect from excessive heat; product is hygroscopic; no double stacking of pallets , may cake when exposed to pressure and friction
Shelf life	1 year

Safety notes:

Comprehensive instructions are given in the corresponding Safety Data Sheets which are available on request.

The product is a sales product at experimental stage ("R+D Test Product") for which development and testing have not been completed yet. Further information, including amended or supplementary data, may be compiled in the future. For this reason, no assurances are given as to type conformity, processability, long-term performance characteristics or other production or application parameters. *Inter alia*, chemistry (raw materials) and composition/recipe of the R+D Test Product may be changed, and its production may be discontinued even without giving reasons. To the extent legally permissible, the R+D Test Product is made available without (express and implied) guarantee, warranty or liability. No warranty is given for the performance of the product during usage and processing. The customer shall bear the risk of using the R+D Test Product. 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.

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