

HyCon[®] S 3200 F

Hardening accelerator in powder form for flowable dry mortar products based on Ordinary Portland Cement for floor application

Characteristics / Chemistry

HyCon[®] S 3200 F is a hardening accelerator in powder form based on calcium silicate hydrate.

Fields of Application

HyCon[®] S 3200 F is especially optimized for acceleration of high early strength development of flowable dry mortar products based on Ordinary Portland Cement (OPC), e.g.

- self-levelling underlayments (SLUs)
- self-levelling decorative overlayments (SLOs)
- self-levelling industrial floors
- flowable floor screeds
- conventional cementitious floor screeds (non-flowable)
- non-shrink grouts (machinery grouts)
- injection mortars

Technical Data

| | |
|---|---------------------------|
| Physical shape | powder |
| Appearance | white to off-white |
| Drying loss, [%] | < 2.0 |
| Bulk density, [kg/m³] | 600 to 1.000 |
| pH-value (20 °C), 20 % in water | 11.5 to 13.0 |
| Chloride content, [%] | chloride and nitrate free |
| Dosage recommendation, [%] in relation to weight of cement | 0.5 to 2.0 |

Further Technical Data

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|-----------------------------|---|
| Packaging | 25 kg paper bag |
| Storage | to be stored in its unopened original packaging, store dry below 40 °C and protect from excessive heat; protect from moisture (see annex) |
| Shelf life | 1 year |
| Storage class | 13 (non-combustible solids) |
| Transport regulation | not known as a dangerous good according to transport regulations |

Annex Storage and Handling:

HyCon® S 3200 F is a hygroscopic product that absorbs water quickly if wrongly stored. Attention is required in order to avoid the exposed surface with air humidity!

HyCon® S 3200 F might contain lumps < 1 cm. The lumps do not have any effect on the performance of the product!

Absorption of humidity can be avoided:

1. by preserving the product in closed containers,
2. by preparing the possible pre-mixture just when it is used and
3. by avoiding high relative humidity values in the working area.

HyCon® S 3200 F does not contain preservatives and it is stable if stored in its original packaging or in suitable sealed containers.

Especially, when performing lab tests it is important that the sample containers are closed immediately after sampling.

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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