

FloArm Screed SS

(Formerly known as MYK SCREED SS)

Under tile Screed Additive for all super structure.

Uses

- Improvement of screed homogeneity.
- Reduction of airpore content, shrinkage (curling) and crack formation, enhancement of workability with good water retention capacity, high early strength.
- Hard enough to walk on after 1 day, able to cover with final floor covering with tiles when the residual moisture of the applied screed reach to below 4%.
- Improvement of surface properties.
- No moisture curing required!



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Features and Benefits

- For making easy to smooth and easy-to-level cement screeds in bonded, un bonded
- FloArm Screed SS is suitable for use indoors and outdoors and in permanently wet areas.
- Please note: FloArm Screed SS does not accelerate the drying process.

Application Methodology

Instructions for use:

All relevant standards, especially IS 5491 and DIN18353, DIN E13813 and DIN 18560, technical instructions and customary industry practices and standards must be observed. FloArm Screed SS must not be used in combination with other additives such as air-entraining agents.

Sand & Mixing:

FloArm Screed SS is to be mixed with a cement/ sand ratio in 1:6 by Volume. (Approx. 200 kg cement per m³). The sand should be 0-8mm as per our sieve analysis recommendation which can be obtained on request. Crushed sand may be used in approx. 60% m-sand and 40% gravel of 8 or 10mm down according DIN 10452 Aggregate classification EN 13139 (former BS8204-1:2003)

We recommend the use of screed-pumps or pan mixers. Hand mixing is possible but water addition needs to be controlled tightly. Mixing water is generally at a 0.55w/c ratio but reduced by the moisture content of the sand.

The "squeeze ball" test may be applied to check on site level. FloArm Screed SS is a screed refining agent and additive. The user is obliged to carry out appropriate initial inspections as part of the conformity declaration in accordance with DINEN 13818 and DIN 18560-1.

These initial inspections are also generally required if the raw materials (sand and/or cement and/or additives) used for the screed production change. MYK Arment provides customer support here at all times.

Building site climate conditions:

Protect surfaces from draught and direct sunlight during the curing process. Freshly made surfaces must be protected from too rapid drying. When applying floor screed outdoors, appropriate protective measures must be taken against direct sunlight, too rapid drying and rain. When applying floor screed in the hot summer months it is recommended to consider covering the newly applied area for approx.

24 hours with PE sheet or restrict the application work to the (early) morning hours

Moisture measurement:

Before application of the final floor covering with tiles, the residual moisture of the screed should be measured, we recommend to use the Method only as others may give false readings. Also, residual moisture should be required below 3% for subsequent top covering with tiles

Disposal:

Allow empty containers to dry out (non-drip and open lid) and recycle as per local regulations.

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Technical Data

FloArm Screed SS is compatible with OPC 53 or 43 grade cements in accordance with IS8112

28-day compressive Strength: 15 to 20 N/mm²

Bonded screed 35 -100 mm in a single layer thickness use only in combination with FloArm Primer BA-P Un bonded screed minimum 50-100 mm in a single layer thickness.

Layer thickness beyond 100 mm is possible but require special attention to ensure proper compaction. Else if in doubt multi-layer system can be adopted.

Color	Dark brown
State	Liquid
Material usage	Above +50C

Dosage

250 ml per 50kg bag of cement i.e. 1 Ltr per m³. Observe water reduction as per aggregate moisture content. Add FloArm Screed SS to the first mixing water. The water amount must then be increased (without FloArm Screed SS) such that the preferred application consistency is obtained. Over dosage and/or high W/C ratios (> 0.7) can affect the consistency of the mortar to the extent that it is unusable and increase the air pore content of the screed, reducing its strengths. MYK Arment recommend the application of earth-moist to stiff-plastic screed mixtures.

After mixing, the mortar must be spread, compacted in accordance with customary industry practices and standards, levelled evenly and, if necessary, also smoothened. The use of power floaters is recommended because higher finish qualities and strengths are obtained. Dummy joints and expansion joints must be made in accordance with customary industry practices and standards and the relevant information provided in the respective standards and worksheets of the trade associations.

Seal open containers airtight immediately after use and use the contents as quickly as possible.

Packaging

Delivery form: Recyclable HDPE pails, 5 lts net

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Storage and Shelf Life

Store under cover, out of direct sunlight and protect from extreme of temperature. In extreme tropical climates the product must be stored in an air-conditioned environment. Shelf life is 12 months when stored as per above. Poor storage conditions may result in premature deterioration of the product or packaging. For specific storage advice please consults MYK Arment Technical Services Department.

Health & Safety

- During application wear protective clothing, gloves and eye goggles during application. Avoid product to contact eyes and skin.
- Skin Contact: Wash immediately with plenty of clean water, use kerosene or mineral turpentine when the product has dried.
- Eye contact: In the event of eye contact splash plenty of clean water immediately and seek medical advice.



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Product Categories Available



Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

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