BASF
The Chemical Company

RheoFIT® 726

New generation of polycarboxylic ether based plasticizer for Manufactured Concrete Products, specially engineered for use in production hollow-core slabs, masonry and paving blocks.

Description of Product

RheoFIT® 726 is an innovative multi-purpose plasticizer based polycarboxylic ether polymers specially developed for semi-dry concrete mixes. The product is suitable for the production of hollow-core slabs, masonry and paving blocks. At the same time, RheoFIT® 726 accelerates the strength development and reduces the cycle time whilst the appearance is maintained or even improved.

Due to its unique principle of action on the cement grain, RheoFIT® 726 fully exploits the hydration potential of cement resulting in higher early strengths and shorter curing times.

FIT 4 VALUE:
RheoFIT® 726 is a key component to BASF's FIT 4 VALUE concept.

FIT 4 VALUE considers the four elements essential for MCP Manufactures:

1. FIT for Economics
2. FIT for Performance
3. FIT for Aesthetics
4. FIT for Durability

Here, FIT means meeting every requirement for economics, performance, aesthetics and durability.

Fields of Application

RheoFIT® 726 is suitable for Manufacturing Concrete Products, especially:

- Pavers
- Blocks
- Hollow-core slabs

Features and Benefits

RheoFIT® 726 offers the following benefits for the MCP industry to:

- Optimised mix design
- Enhanced productivity due to shorter cycle time
- Higher early strength
- Optimised curing cycles due to shorter curing times

Packaging

RheoFIT® 726 is available in 210 litre drums or bulk.

Application Procedure

RheoFIT® 726 is a liquid ready-to-use admixture to be added to the concrete during the mixing process. The best results are obtained when the admixture is added after all the other components are already in the mixer and after the addition of at least 80% of the total water. The water content is adjusted to obtain the desired consistence or workability.

RheoFIT® 726

*Technical Data/Typical Properties

Appearance	Whitish to light brownish coloured liquid.
Specific gravity @ 25°C	1.103
pH-value	5 - 7

Standards

EN 934-2 Table 3.1 and 3.2

Dosage rate

The normally recommended dosage rate is 0.4 to 1.2 litres per 100kg of cementitious material.

Other dosages may be used in special cases according to specific job site conditions. In this case please consult our Technical Services Department.

Compatibility

RheoFIT® 726 is compatible and recommended for use with:

- RheoFIT® 742, colour enhancer
- RheoFIT® 744, water repellent, to reduce water absorption (e.g. EN 1338, class 2 B)

RheoFIT® 726 is not compatible with RheoFIT® 764 or Rheobuild superplasticizers.

Storage

RheoFIT® 726 must be stored in a place where the temperature does not drop below 5°C.
If stored in unopened containers according to manufacturer's instructions, the shelf life is 2 years.

Handling and transportation

No special requirements must be observed while the product is used. Protection gloves and glasses are recommended. Do not eat, drink or smoke during the application. RheoFIT® 726 is non-flammable, non-toxic or irritant and is not subject to special transport requirements.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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* Properties listed are based on laboratory controlled tests.

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