

ARACO FLOOR SCR

Fiber Reinforced Cementitious Screed for Floor Leveling

Product Description

ARACO FLOOR SCR is a single component cementitious floor screed composed of hydraulic binders, silica sand, selected aggregates special additives and fibers.

ARACO FLOOR SCR is supplied as a dry powder. It requires only addition of clean water to produce a workable mortar. **ARACO FLOOR SCR** is applied in a thickness between 30 to 50 mm.

Standards Compliance

- BS EN 16236:2013
- ASTM C109-02
- ASTM C580-02

Applications

ARACO FLOOR SCR can be used for:

- Leveling concrete slabs prior of the application of final coating.
- leveling floors and slabs to slope to ensure proper flow to drains
- screeding over hollow core pre-cast concrete slabs

Advantages

- Ensures consistent high quality
- High bond to substrate
- Excellent physical and mechanical properties
- Shrinkage and cracks resistant
- Excellent workability
- Enhanced curing setting time

Characteristics

Appearance	Grey Powder
Agg. Size	0-3mm
Application thickness	50 mm
Density	1.7 kg/Liter
Pot Life	45 min
Setting time	3 – 5 Hours
VOC	<10 g/ltr
Storage Condition	Store in a dry shaded area at temperature between 5°C and 35°C.
Shelf life	Original Sealed container has a shelf life of 6 months if stored in the right conditions



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PACKAGE	50 Kg
CONSUMPTION	22 kg/m2 per 10mm THK

Surface Preparation

Substrate must be clean and free from all foreign or contaminating materials that might impair the quality of bond with the substrate such as oils, grease, curing compounds, dust, and loose aggregate or sand particles.

Prior to the application of **ARACO FLOOR SCR**, soak the entire surface with clean water. The substrate should be saturated, surface dry, at the time of **ARACO FLOOR SCR** application.

Mixing

For each **ARACO FLOOR SCR** 50 kg bag , add 5-6 liters of potable water.

Mix the Materials using an electric drill with low rotation speed (300 rpm) for 2-3 minutes until a lump free homogeneous mixture is obtained.

Manual mixing is allowed for small batch quantities for approx.1-2 min or until a lump free homogeneous mixture is obtained.

Always mix the required quantity, which can be consumed.

ARACO FOR ADMIXTURES & CONSTRUCTION MATERIALS S.a.l.

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TECHNICAL DATA

	RESULTS	STANDARD
Flexural Strength at 28 days		
Average strength at 1 day	10 Mpa	ASTM C 78
Average strength at 7 days	25 Mpa	
Average strength at 28 days	35 Mpa	
Compressive Strength		
Average strength at 7 day	32 Mpa	ASTM C109
Average strength at 28 day	43Mpa	

Application

Prior to the application of **ARACO FLOOR SCR**, it is recommended to primer the substrate with **ARACO BOND**.

Pour the mixed materials onto the surface and spread to the desired thickness using steel trowel or suitable tools.

Curing

Cure **ARACO FLOOR SCR** as per standard concrete curing practices.

Do not subject screed to vehicles traffic for 28 days to ensure full strengthening of the screed.

The applied area should be protected from direct sunlight and heavy wind.

Safety instructions

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay.

Legal notes

The information, recommendations and application - based on ARACO current knowledge and experience of the products when properly stored, handled and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of which will be supplied on request.

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