

## 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

#### Uses

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

#### Product Advantages

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

#### 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.



Package: 50 Kg Bags

Consumption: 22 kg per m<sup>2</sup> per 10 mm THK

#### 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.

#### 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.

## Technical Data

### Flexural Strength

Average strength at 1 days	10 Mpa	
Average strength at 7 days	25 Mpa	ASTM C78
Average strength at 28 days	35 Mpa	

### Compressive Strength

Average strength at 7 days	32 Mpa	
Average strength at 28 days	43 Mpa	ASTM C109

## Safety Instructions

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

## Product Data

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

## Legal Notes

The information, recommendations, and application are 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 sold subject to 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.

## More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring