



SOUNDCRETE - SFMC

MICRO CONCRETE REPAIR MORTAR

Description

SFMC is a premixed single component cement polymer modified repair material. Can be used for both overhead and vertical situation.

Compliance

ASTMC-190, BS- 4550, 4551 and 6319

Composition

SFMC is a blend of high quality hydraulic binders / fillers and processed Brown Silica Sand. Chemical additives are added to compensate for shrinkage, high early end final strength and is chloride free.

Area of Application

For the rehabilitation of spalled and deteriorated concrete, to reinforce structural strength such as encasement etc.

Strength Characteristics (N/MM2)

1 day	10
7 day	40
28 day	55

Background Preparation

Damaged concrete should be thoroughly chipped to expose the corroded reinforcement. Clean and apply suitable protective coating where required to the reinforcement. Soak the area with clean water at least 3 hrs prior to the application of SFMC.

Mixing

Mix approximately 3.5 Ltrs of water for 25 kg and mix with a mechanical mixer to achieve a homogeneous and workable mix. Water can be increased upto 4 Ltr where required depending upon the site condition.

Application

Apply the SFMC on to the prepared background to ensure good compaction. SFMC can be applied a maximum of 30 MM in one single coat. Additional layers can be applied leaving 24 hrs between coats.

Curing

Care should be exercised to retained the moisture for proper hydration. Hence curing with water periodically for three days is essential.

Packing

25 kg in HDPE bag with liner.

Storage

Can be stored under shaded dry condition for a period of 12 months.

Technical Assistance

The technical team at Sound Build Care Pvt Ltd. is ready to assist you anytime in case of any technical queries


Warranty

If applied as per the recommendation in the product data-sheet, SOUNDCRETE - SFMC is guaranteed for the purpose of which it is recommended. We can not assume responsibility for misuse of our products. We assume no responsibility for the finished work as we have no control over factors such as mixing, application, background preparation, weather and other condition that may prevail at the time of applications.

SOUND BUILDCARE PVT. LTD.

Manufacturers of Building Construction Products

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