

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, 455 I and 63 I9

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 days > 10

7 days > 40

28 days > 55



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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.

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 of 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, whether and other condition that may prevail at the time of applications.



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DISCLAIMER :

If applied as per the recommendation in the product data-sheet, PMC-1 is guaranteed for the purpose of which it is recommended . We can not assume responsibility of misuse of our products . We assume no responsibility for the finished work as we have no control over factors such as mixing, application surface preparation, weather and other conditions that may prevail at the time of applications.