

# ADMIX MICRO

GENERAL PURPOSE, NON-SHRINK, CEMENTITIOUS MICRO CONCRETE

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## PRODUCT

Single part ready to use, non-shrink & free flowing general purpose repair micro concrete.

## BENEFITS

Ready to use, free flowing to allow easy placement without vibration, can be pumped or poured into restricted areas, non-shrink characteristics, rapid strength gaining and high ultimate strength, chloride free.

## USES

ADMIX MICRO is recommended for the usage in structural repairs where early and ultimate strength is important.

## DESCRIPTION

ADMIX MICRO is supplied as a single part ready to use, non-shrink, free flowing general purpose repair micro concrete in powder form and only addition of water required at site. ADMIX MICRO has expansion characteristics in the plastic stage (0.70 to 0.80%) while minimising water requirement. The low water requirement ensures high early strength and durability. For larger repairs, 12mm down graded dry aggregates can be added.

## APPLICATION PROCEDURE

Defective concrete and debris should be removed. The area of application should be clean and saturated with water. The corroded reinforcement if any should be well treated or replaced. Anti corrosive coating should be applied on reinforcement bars for protection.

On the wet surface a thick coat of ADMIX SB LATEX (polymer modifier & bonding agent) should be provided as a primer as well as to ensure monolithic bond. Form work should be leak proof and with sufficient ventilation to prevent air entrapment.

Mixing of ADMIX MICRO should be done carefully and thoroughly. Where addition of graded aggregate is required, the same should be added after water and ADMIX MICRO are properly mixed. The mixed material should be placed immediately. Water curing should be done immediately after 2 hours of placing and should continue for 7 days.

## STRENGTH DEVELOPMENT

### Compressive strength .. kg/cm<sup>2</sup>

Number of days	Water powder ratio for Flowable consistency (0.19)	Water powder ratio for Pourable consistency (0.17)
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1 day	150	175
3 days	350	375
7 days	375	450
28 days	500	600

Wet product density : 2200kg/m<sup>3</sup>

## PACKING & SHELF LIFE

Available in 25 kg HDPE bags. Shelf life is 6 months from the date of mfr.

## QUALITY ASSURANCES

ADMIX MICRO is manufactured under stringent quality control and compatible with different climates of India.



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