

**CCI**



**ADMIX MICRO™**

GENERAL PURPOSE, NON-SHRINK,  
CEMENTITIOUS MICRO CONCRETE.

<b>PRODUCT</b>	Single part ready to use, non-shrink & free flowing general purpose repair micro concrete.
<b>BENEFITS</b>	Ready to use, free flowing to allow easy placement without vibration, self levelling, can be pumped or poured into restricted areas, non-shrink characteristics, rapid strength gaining and high ultimate strength, chloride free.
<b>USES</b>	<b>ADMIX MICRO</b> is recommended for the usage in structural repairs where early and ultimate strength is important.
<b>DESCRIPTION</b>	<b>ADMIX MICRO</b> 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. <b>ADMIX MICRO</b> has expansion characteristics in the plastic stage (0.70 to 0.80%) while minimising water requirement.(ASTM C827-1987). The low water requirement ensures high early strength and durability. For larger repairs, 12mm down-graded dry aggregates can be added.
<b>APPLICATION PROCEDURE</b>	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 ( <b>ANTICORE</b> ) should be applied on reinforcement bars for protection. On the wet surface a thick coat of <b>CCI BOND</b> (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 <b>ADMIX MICRO</b> should be done carefully and thoroughly. Where addition of graded aggregate is required, the same should be added after water and <b>ADMIX MICRO</b> are properly mixed. The mixed material should be placed immediately. Water curing should be done immediately after 8 hours of placing and should continue for 7 days.

<b>STRENGTH DEVELOPMENT</b>	<b>Compressive strength .. kg/cm<sup>2</sup></b> (BS 4551-80)		
	Number of days	Water powder ratio for Flowable consistency (0.19)	Water powder ratio for Pourable consistency (0.17)
	1 day	150	175
	3 days	350	375
	7 days	375	450
	28 days	500	600
Wet product density : 2200kg/m <sup>3</sup>			
<b>PACKING&amp; SHELF LIFE</b>	Available in 25 kg HDPE bags. Shelf life is 6 months from the date of mfr.		
<b>QUALITY ASSURANCES</b>	CCI INC., is an ISO 9001-2015 certified company and our products are in accordance with international standards.		



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**An ISO 9001-2015 Certified Company**

**CCI 2006-17 - admix micro**



AN ISO 9001 - 2015 CERTIFIED COMPANY

The information given in this data sheet is based on both current development and many years of field experience. While every effort is made to ensure that the information is reliable, we can not accept responsibility of any work carried out with our products as we have no control over the application procedure adopted at site and site conditions. In view of continuous research and development in our laboratory, we advise customers ,in their own interest, to ensure that this data sheet has not been superseded by any other publication. Field services where provided, does not constitute supervisory responsibility. For additional information, CCI Inc local representative or customer care department may be contacted.