



The Trusted Brand in  
**CONSTRUCTION  
CHEMICALS**

CMCI

**PRECAUTIONS:**

**CEMTEC 190 SP** should not be stored below 0°C  
In case of frost, **CEMTEC 190 SP** has to be heated and stirred before using.

**PACKAGING**

**CEMTEC 190 SP** is delivered in 210 ltr. drums, 1000 ltrs containers or in 10,000 ltr. bulk tanks.

**TECHNICAL INFORMATION**

Typical Engineering Data : the following results were developed under laboratory conditions.

Mix Design

- Cement content ( opc) - 307 kg/m<sup>3</sup>
- Coarser aggregate - 64 %
- Finer aggregate - 36%

**COMPRESSIVE STRENGTH**

Age	Specifictation (% of Control)	Control	Cemtec 190 SP mix (% of control)
1 day	140	100	145
3 days	125	100	135
7 days	115	100	133
28 days	110	100	132

**ENGINEER'S SPECIFICATION:**

Concrete shall be designed in accordance with ACI Standard Recommended Practice for selecting proportions for concrete (ACI 211).

The super plasticizer admixture shall comply with ASTM Designation C-494 type A and F admixture and shall be **CEMTEC 190 SP** as manufactured by Construction Material Chemical Industries or one proved to be equivalent.

It shall be used in strict accordance with the manufacturer recommendations.

**QUALITY STATEMENT**

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management Systemdescribed in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.