

High performance fiber reinforced cement composites 6: HPFRCC 6

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Abstrak

High Performance Fiber Reinforced Cement Composites (HPFRCC) represent a class of cement composites whose stress-strain response in tension undergoes strain hardening behaviour accompanied by multiple cracking, leading to a high strain prior to failure. The primary objective of this International Workshop was to provide a compendium of up-to-date information on the most recent developments and research advances in the field of HPFRCC. Approximately 65 contributions from leading world experts are assembled in these proceedings and provide an authoritative perspective on the subject. Special topics include fresh and hardening state properties, self-compacting mixtures, mechanical behavior under compressive, tensile, and shear loading, structural applications, impact, earthquake and fire resistance, durability issues, ultra-high performance fiber reinforced concrete, and textile reinforced concrete.