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2.4. Plastic shrinkage and drop in capillary pressure
 2.4.1. Analysis of studied phenomena;
 2.5. Comparison of plastic shrinkage for SCCs and conventional concretes;
 2.5.1. Controlled drying;
 2.5.2. Forced drying;
 2.6. Influence of composition on free plastic shrinkage;
 2.6.1. Influence of the paste composition;
 2.6.2. Influence of the paste proportion;
 2.7. Cracking due to early drying;
 2.7.1. Experimental apparatus;
 2.7.2. Comparison of SCCs and conventional concretes;
 2.8. Summary;
 2.9. Bibliography;
 Chapter 3. Mechanical Properties and Delayed Deformations;
 3.1. Introduction
 3.2. Instantaneous mechanical properties
 3.2.1. Time-evolution of compressive strength;
 3.2.2. Tensile strength;
 3.2.3. Elastic modulus;
 3.3. Differences in mechanical behavior;
 3.3.1. Free shrinkage;
 3.3.2. Restrained shrinkage;
 3.3.3. Evolution and prediction of delayed deformations under loading, creep deformations;
 3.4. Behavior of steel-concrete bonding;
 3.4.1. Anchorage capacity;
 3.4.2. Transfer capacity of reinforcement tensile stress to concrete and cracking;
 3.5. Bibliography;
 Chapter 4. Durability of Self-Compacting Concrete;
 4.1. Introduction
 4.2. Properties and parameters that influence durability
 4.2.1. Mechanical strength;
 4.2.2. Porosity and properties of the porous network;
 4.2.3. Absorption;
 4.3. Transport phenomena;
 4.3.1. Permeability;
 4.3.2. Diffusion;
 4.4. Degradation mechanisms;
 4.4.1. Reinforcement bar corrosion risk;
 4.4.2. Aggressive water;
 4.5. Conclusion;
 4.6. Bibliography;
 Chapter 5. High Temperature Behavior of Self-Compacting Concretes;
 5.1. Introduction;
 5.2. Changes in SCC microstructure and physico-chemical properties with temperature;
 5.2.1. Physico-chemical properties
 5.3. Mechanical behavior of SCCs at high temperature

Sommario/riassunto

Self-Compacting Concrete (SCC) is a relatively new building material. Nowadays, its use is progressively changing the method of concrete placement on building sites. However, the successful use of SCC requires a good understanding of the behavior of this material, which is vastly different from traditional concrete. For this purpose, a lot of research has been conducted on this area all over the world since 10 years. Intended for both practitioners and scientists, this book provides research results from the rheological behavior of fresh concrete to durability.