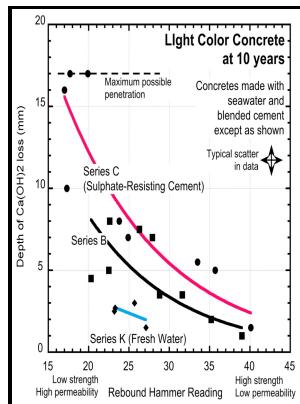


Permeability and protection of reinforced concrete.

Cement and Concrete Association - CONCRETE BRIDGE ENGINEERING: PERFORMANCE AND ADVANCES. CHAPTER 4. REPAIR AND PROTECTION OF REINFORCED CONCRETE BRIDGES



Description: -

-Permeability and protection of reinforced concrete.

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Permeability and mechanical properties of basalt fiber

For using reinforced concrete successfully, the designer must be completely familiar with its weak points in addition to its strong ones.

Explosive Spalling of Concrete Structural Elements Exposed to Fire

Chloride Permeability Test As described, the ASTM C1202 EN 13396 test provides an indication of concrete resistance to the penetration of chloride. Consequently, it creates pores which are not filled with hydration product.

Corrosion Protection of New Reinforced Concrete Structures in Aggressive Environments

The results of the capillary absorption test showed that the inhibitor can prevent chloride penetration in concrete by suppressing capillary absorption. It helps you make a direct comparison of sources in different subject fields.

Fiber

Left: apparatus for mercury intrusion porosimetry testing; Right: sample for testing.

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