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## **Self-Healing Concrete**

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**Abstract:** Self-healing concrete is mostly defined as the ability of concrete to repair its cracks autonomously. It is also called self-repairing concrete. Cracks in concrete are a common phenomenon due to its relatively low tensile strength. If micro cracks grow and reach the reinforcement, not only the concrete itself maybe attacked, but also the reinforcement steel bars will be corroded. Therefore, it is important to control the crack width and to heal the cracks as soon as possible. Self-healing of cracks in concrete would contribute to a longer service life of concrete structures and would make the material not only more durable but also more sustainable.

Keywords: Bio-concrete, Self-healing, Self repairing Concrete, Service Life

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