



HERON

Self-healing Materials

Bacteria-based self-healing concrete

H.M. Jonkers

Encapsulated self-healing agent in blast furnace slag mortar

K. Sisomphon, O. Copuroglu, A. Fraaij

Crack repair of asphalt concrete with induction energy

A. García, E. Schlangen, M. van de Ven, D. van Vliet

Self-healing capacity of asphaltic mixtures

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Self-healing of lime based mortars

B. Lubelli, T.G. Nijland, R.P.J. van Hees

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Introduction

Crack formation in concrete is a phenomenon that can hardly be completely avoided due to the example shrinkage and thermal stresses, and loads during its service life. While large cracks can potentially compromise structures' integrity and therefore