

Materials for Life (M4L)

case study
By Patrick Murray

Location: South Wales, UK



Researchers: Cardiff University, University of Bath, University of Cambridge

Owner: N/A

Year of completion: Current Research

Climate: Cfb, Temperate Oceanic

Material of interest: Self-Healing Concrete

Application: Various applications of concrete

Properties of material: Concrete is mixed with bacteria that produces calcium-carbonate to repair and fill cracks in concrete

Sources:

<https://phys.org/news/2015-10-uk-major-trial-self-healing-concrete.html>

<https://gizmodo.com/this-is-the-first-building-that-can-heal-its-own-cracks-1704711845>

<https://io9.gizmodo.com/5956956/living-walls-and-self-healing-concrete-are-the-future-of-architecture>