

APPENDIX

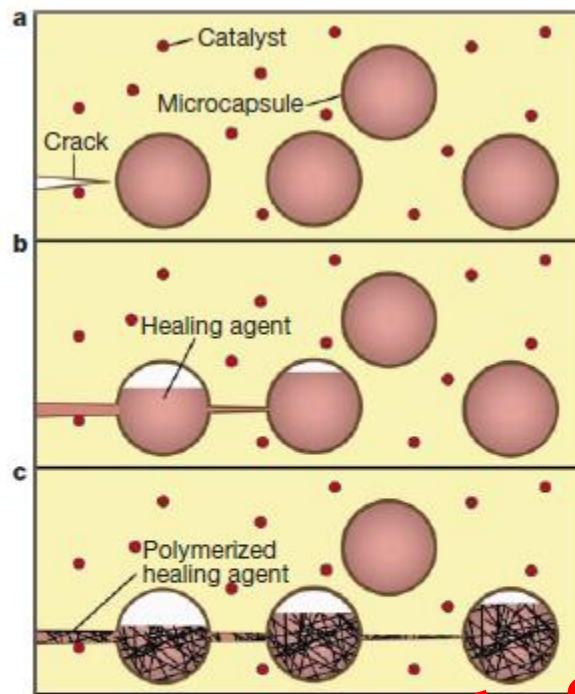


Figure 1 The autonomic healing concept. A microencapsulated healing agent is embedded in a structural composite matrix containing a catalyst capable of polymerizing the healing agent. **a**, Cracks form in the matrix wherever damage occurs; **b**, the crack ruptures the microcapsules, releasing the healing agent into the crack plane through capillary action; **c**, the healing agent contacts the catalyst, triggering polymerization that closes the crack faces.

Preview from Notesale.co.uk
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