

Article

A Self-Healing Gel with an Organic–Inorganic Network Structure for Mitigating Circulation Loss

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Figs. S1 through S6

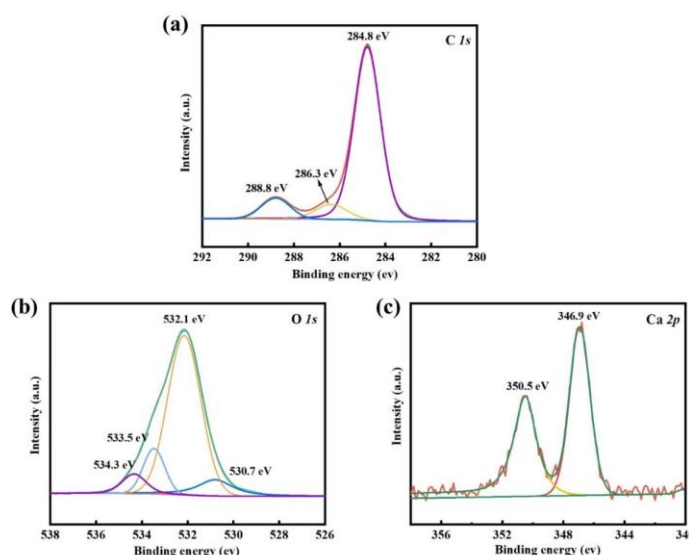


Figure S1. High-resolution XPS spectra for AC₆L₃: (a) C 1s, (b) O 1s and Ca 2p.

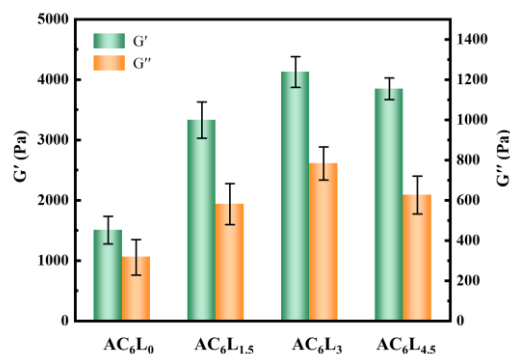


Figure S2. G' and G'' of self-healed gels with different LDH additions.

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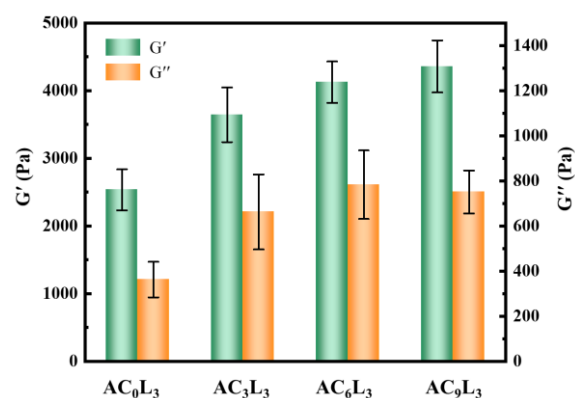


Figure S3. G' and G'' of self-healed gels with different CaCl_2 additions.

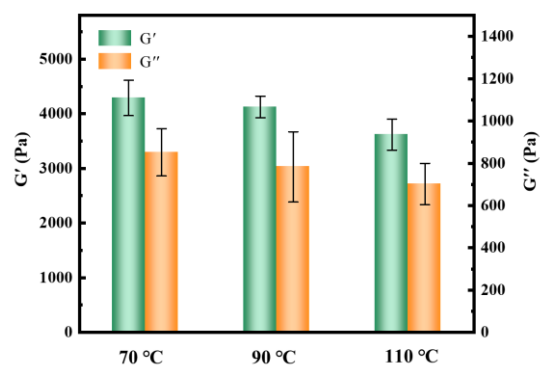


Figure S4. G' and G'' of AC_6L_3 self-healed gels at different temperatures.

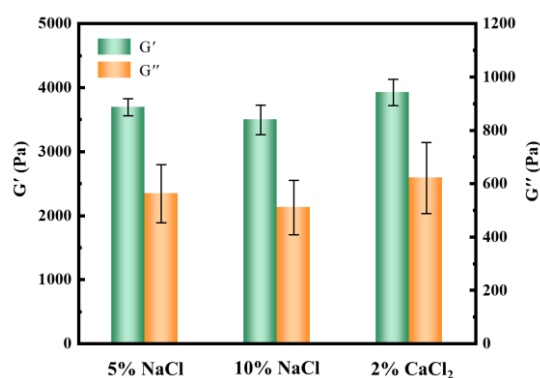


Figure S5. G' and G'' of AC_6L_3 self-healed gels at brines.

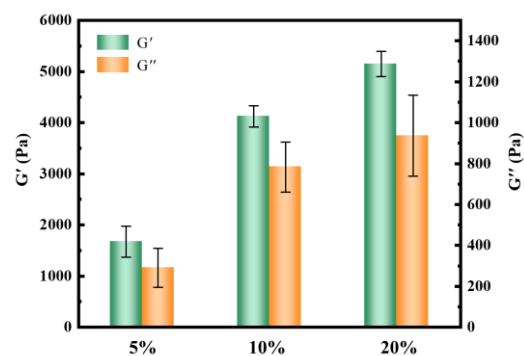


Figure S6. G' and G'' of self-healed gels with different AC_6L_3 particle concentrations.



Figure S7. The physical diagram of the plugging experimental device.