Supplementary Materials: Hydrophilic Self-Replenishing Coatings with Long-Term Water Stability for Anti-Fouling Applications

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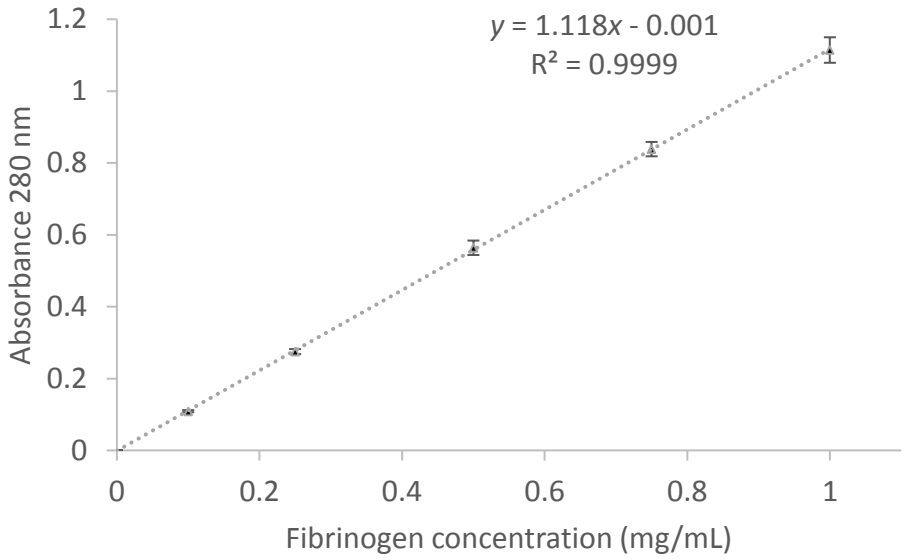


Figure S1. Fibrinogen calibration curve built from PBS protein solutions of 0.1–1 mg·mL^{-1} and having a good linearity in the measured concentration range with R^2 of 0.9999.

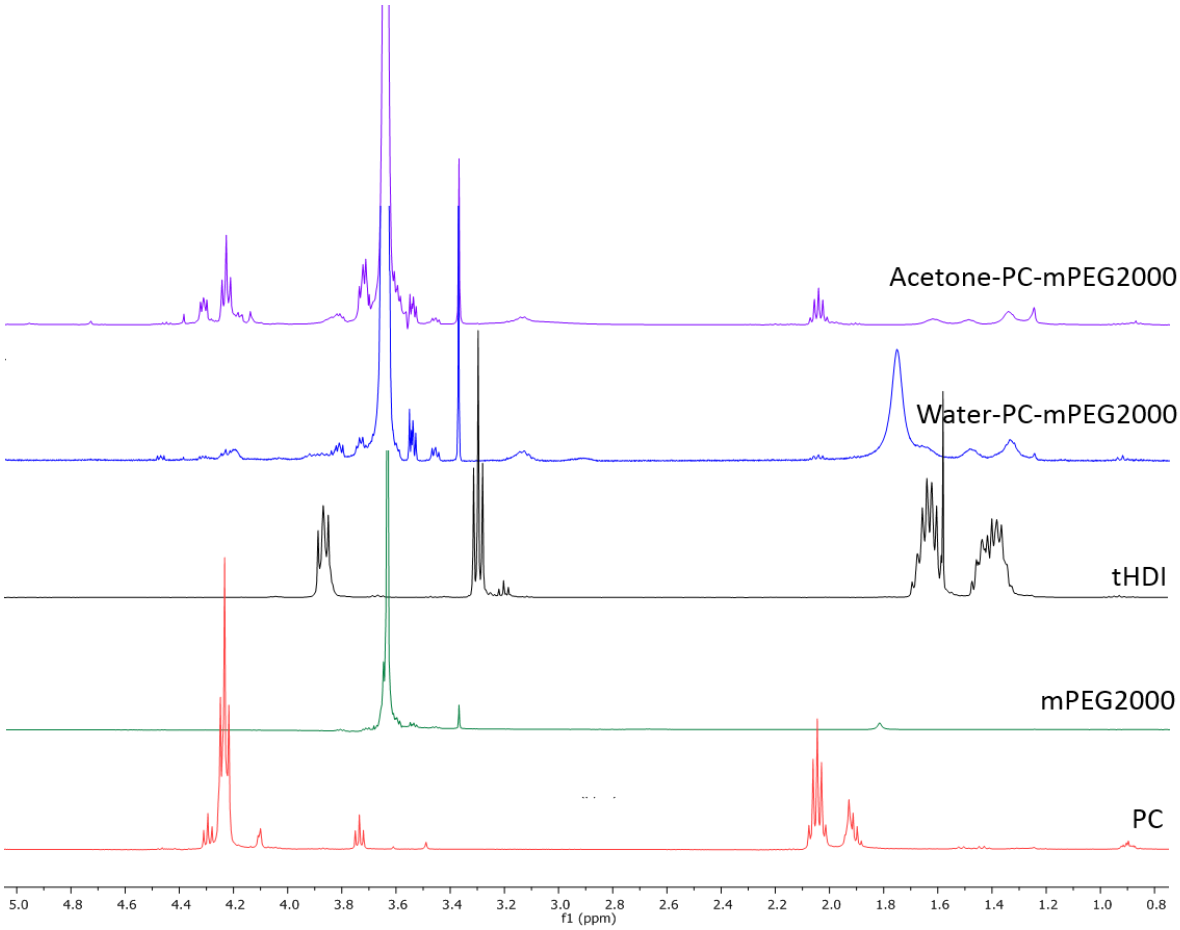
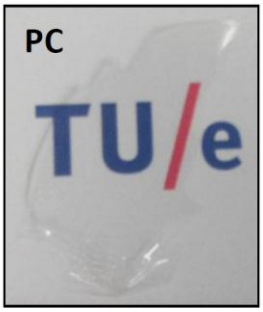
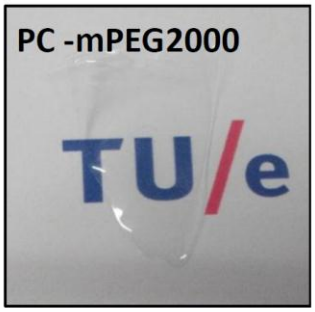


Figure S2. ^{1}H-NMR spectra (400 MHz, $CDCl_3$) for PC-mPEG2000 acetone and water extracts, and pure coatings components, tHDI, mPEG2000 and PC polymer.





	Weight Loss (%)
PC-Ref	1.2 ± 0.5
PC-mPEG550	2.1 ±1.3
PC-mPEG1000	2.3 ± 1.1
PC-mPEG2000	3.1 ± 1.8

Figure S3. Coatings appearance and weight loss (%) after 1 year water immersion. PC and PC-mPEG2000 images after 1 year immersion in water. Transparent and colorless free standing coatings placed on top of a logo.

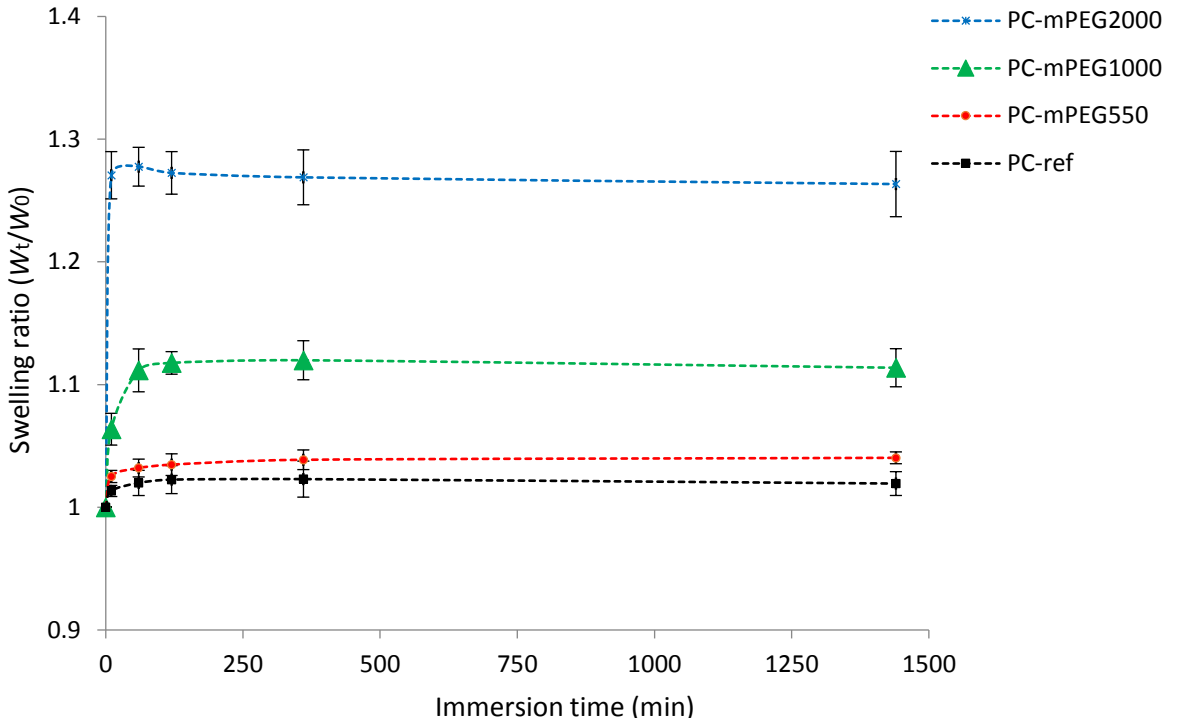


Figure S4. Swelling ratio profiles (weight of water swollen coating at different immersion times (W_t) divided by the initial dried coating (W_0)) for coatings immersed in water for 24 h.