Hydrophilic self-replenishing coatings for marine anti-fouling applications

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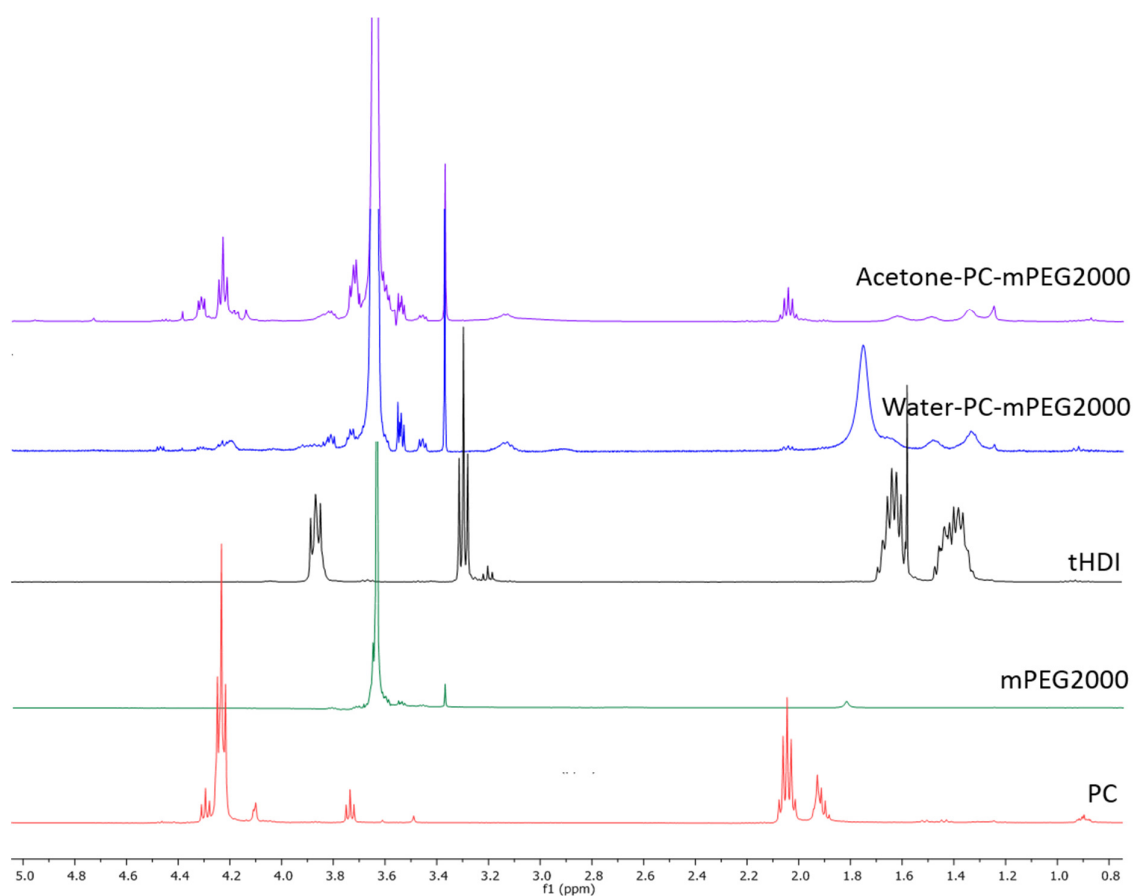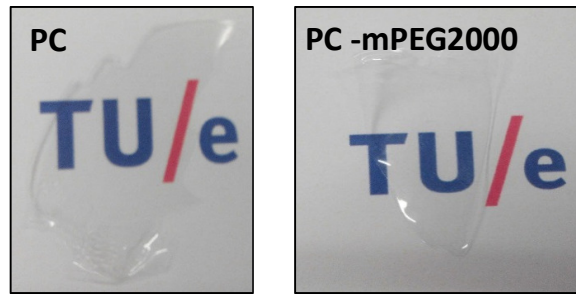
Figure S1. ^{1}H-NMR spectra (400 MHz, CDCl$_3$) for PC-mPEG2000 acetone and water extracts, and pure coatings components, tHDI, mPEG2000 and PC polymer.

	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 S2. 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.
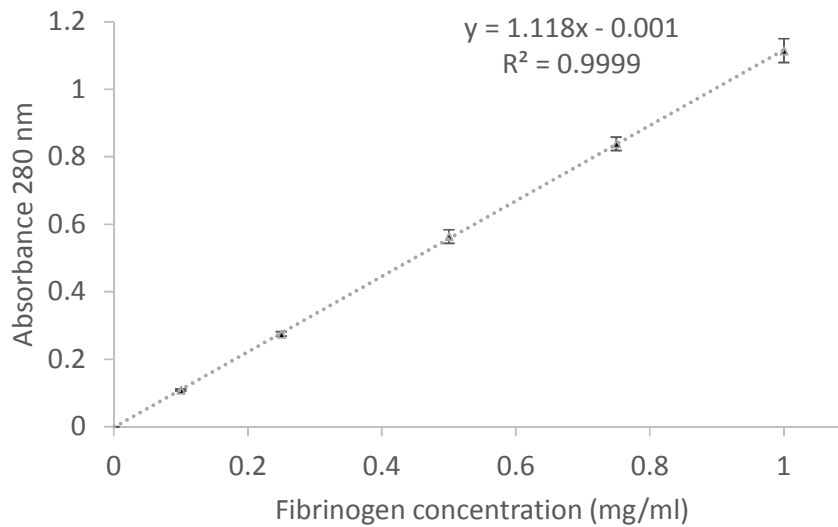

Figure S3. Fibrinogen calibration curve built from PBS protein solutions of 0.1 to 1 mg·ml^{-1} and having a good linearity in the measured concentration range with R^2 of 0.9999.
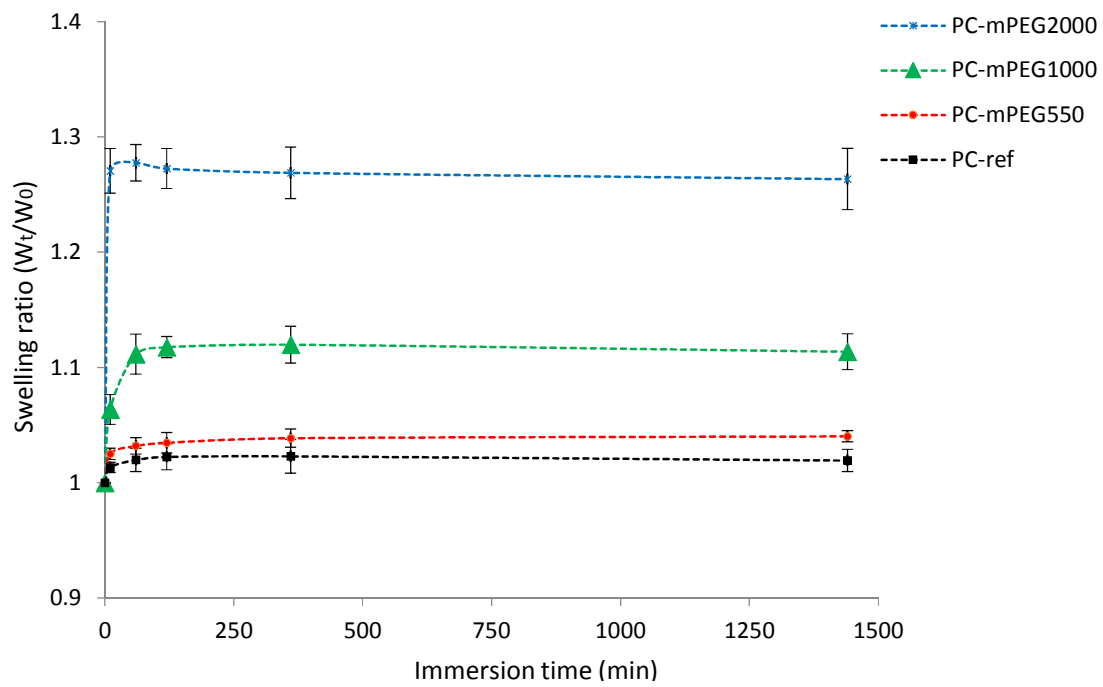
Figure S4. Swelling ratio profiles (weight of water swollen coating at different immersion times (W_t) divided by the initial dried coating (W_0)) for coatings immersed in water for 24 hours.