

Supplementary Materials: Prospects of Low-Pressure Cold Spray for Superhydrophobic Coatings

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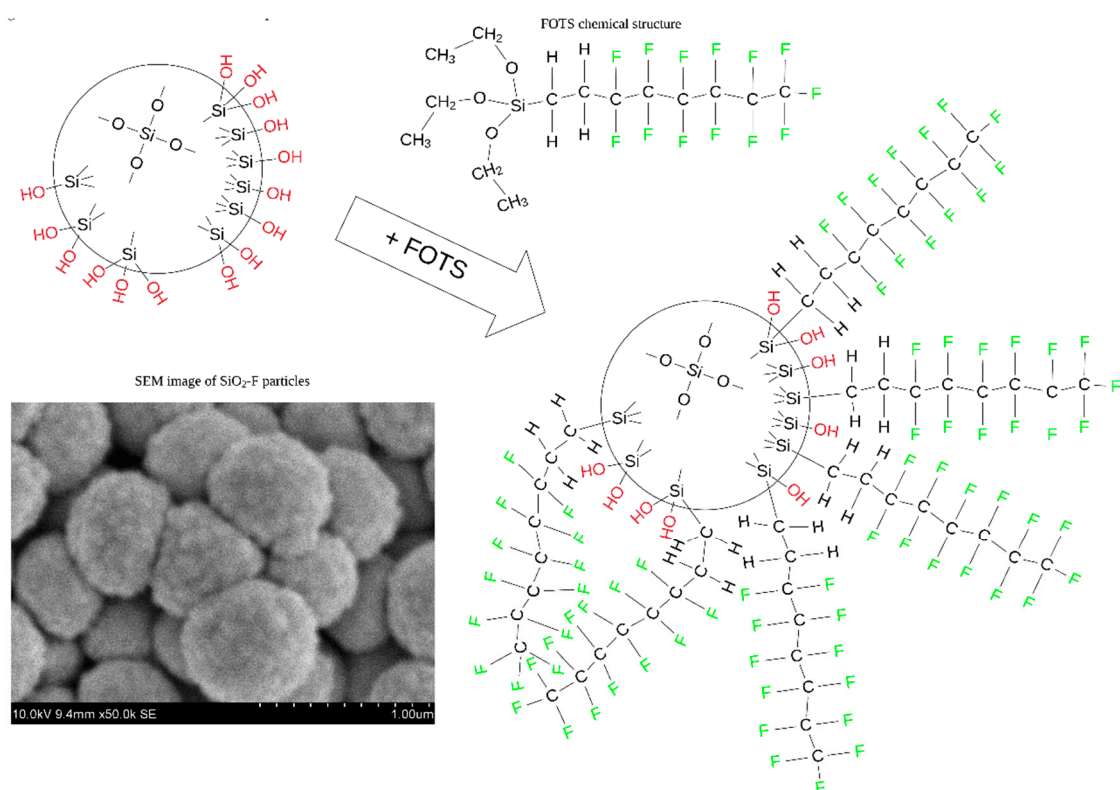


Figure S1. Scheme of functionalization process.

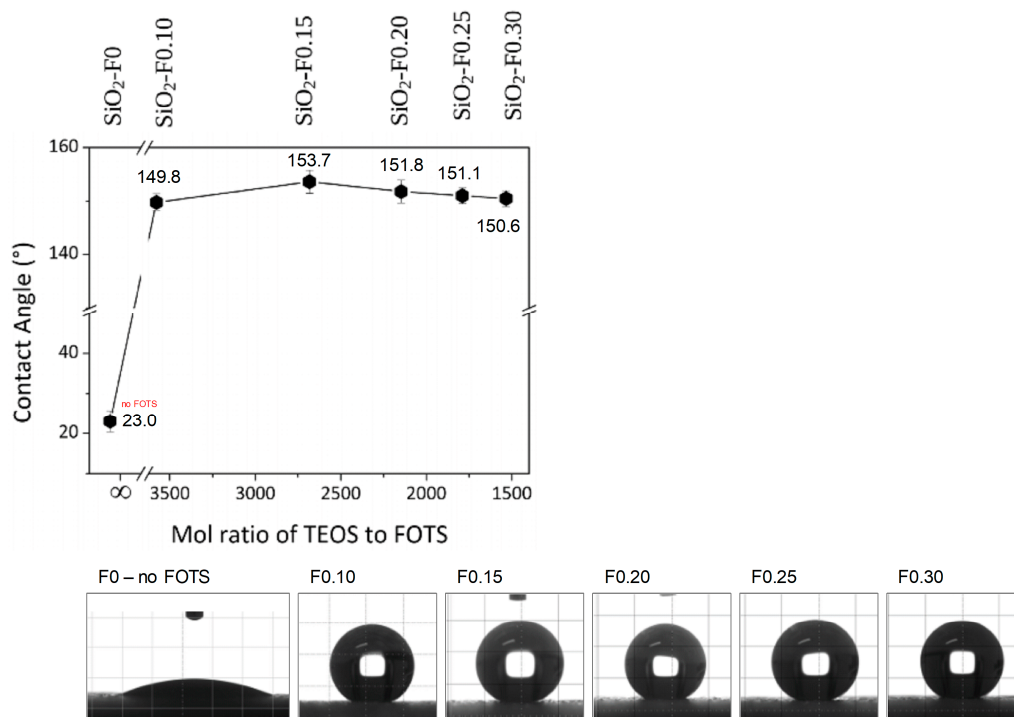


Figure S2. Wettability of coating SiO₂-F_x as a measure of contact angle (where *x* denotes the added amount of FOTS).

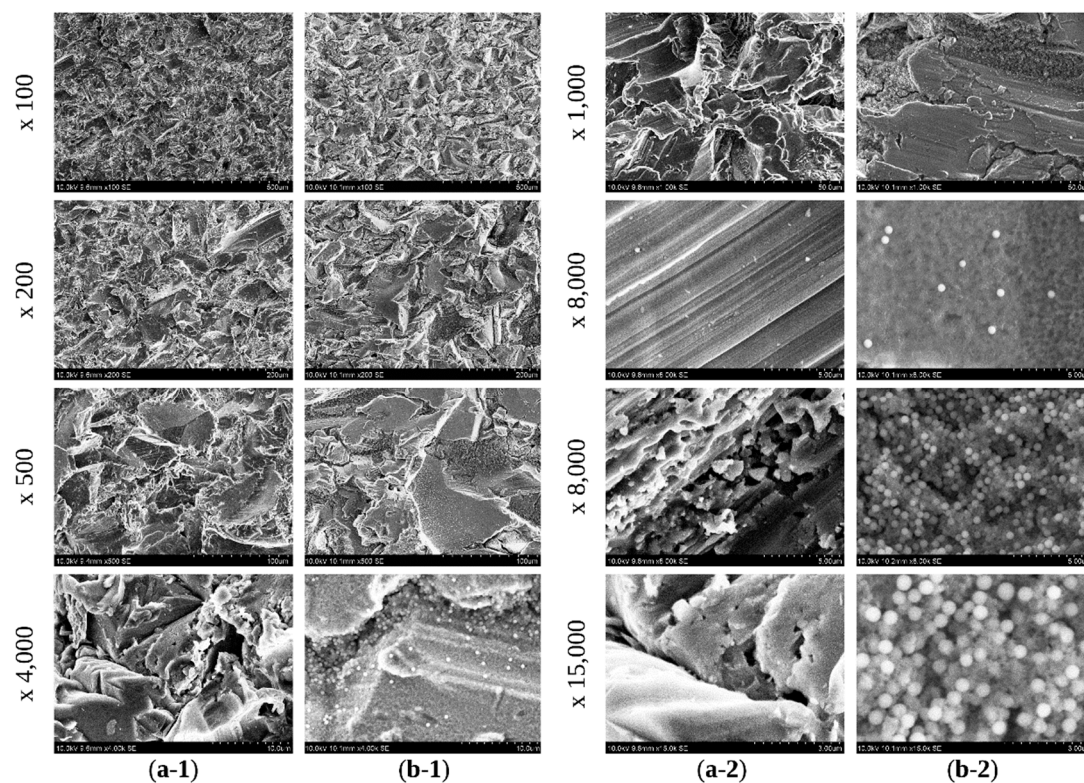


Figure S3. SEM images of substrate material (a-1,a-2) after sand-blasting and (b-1,b-2) after cold-spraying with SiO₂-F powder on the previously sandblasted substrate.

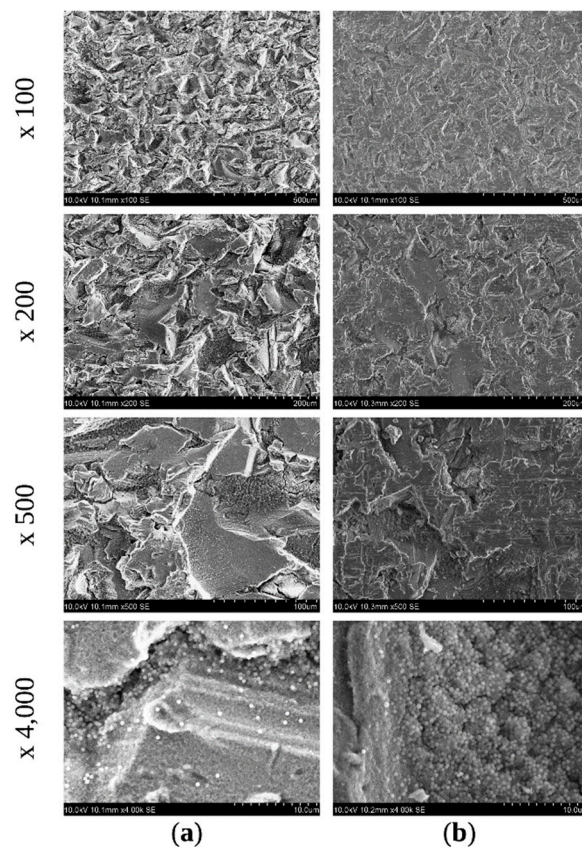


Figure S4. SEM images of coatings (a) in the as-prepared form and (b) after abrasive wear test on the distance 5.55 m.

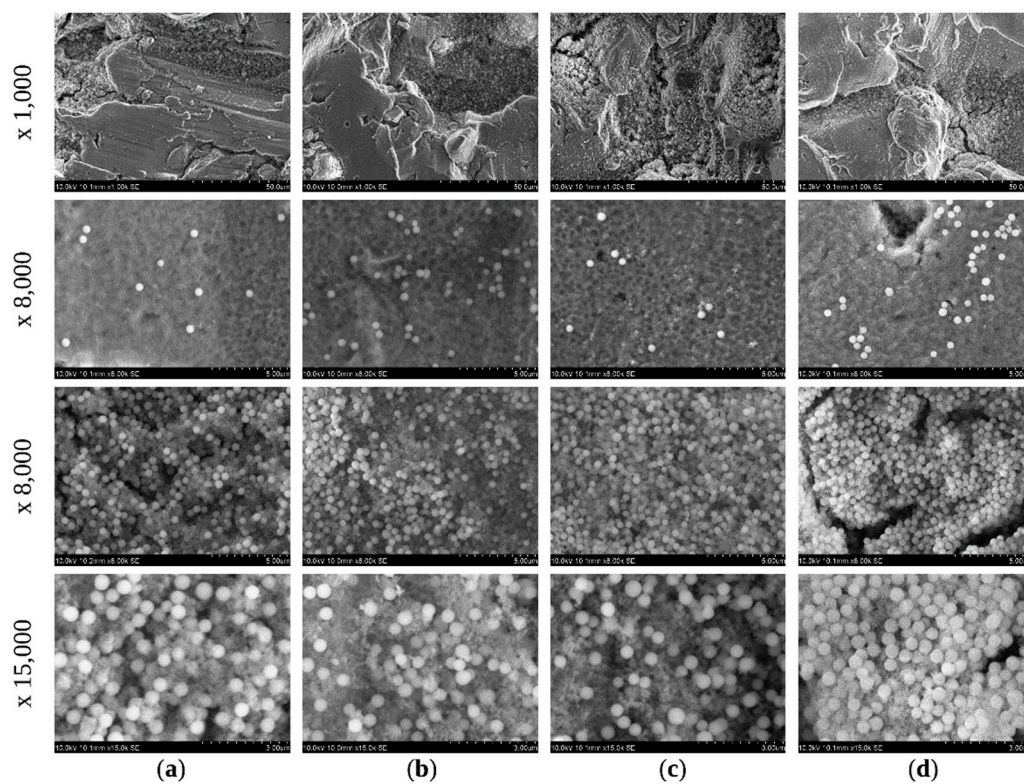


Figure S5. SEM images of 2 h-annealed coating at different temperatures: (a) as-prepared with no heat-treatment and heat-treated at (b) 350 °C, (c) 400 °C, (d) 500 °C.



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