## **Supporting materials**

## Spraying preparation of eco-friendly superhydrophobic coatings with ultra-low water adhesion for effective anti-corrosion and anti-pollution

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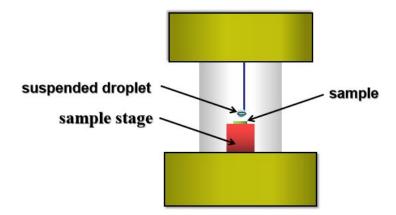
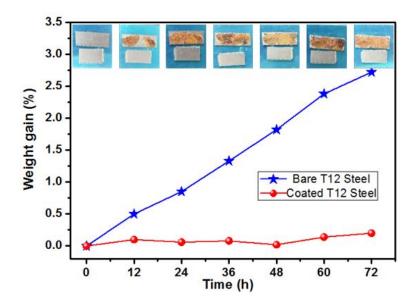


Figure S1. The schematic diagram of water adhesion test system.



**Figure S2.** Mass addition of coated and uncoated T12 steel as a function of time under the condition of immersing in 3.5% NaCl solution.

## **Video Caption**

**Video 1:** The moving process of impact droplets on the bio-based superhydrophobic coatings.

Video 2: The self-cleaning dynamic process on the superhydrophobic coatings.