

Supporting Information

In Situ Growth of Hierarchical Boehmite on 2024 Aluminum Alloy Surface as Superhydrophobic Materials

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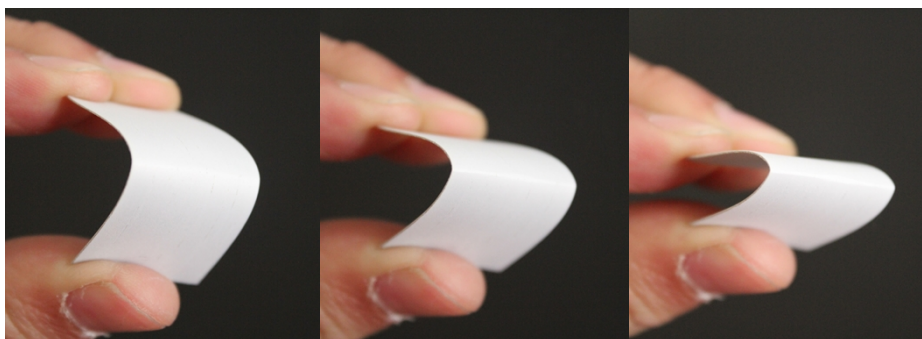


Figure S1: Optional pictures of the boehmite coated aluminium alloy after bending

The obtained film is flexible, and the bending causes little damage to the film.

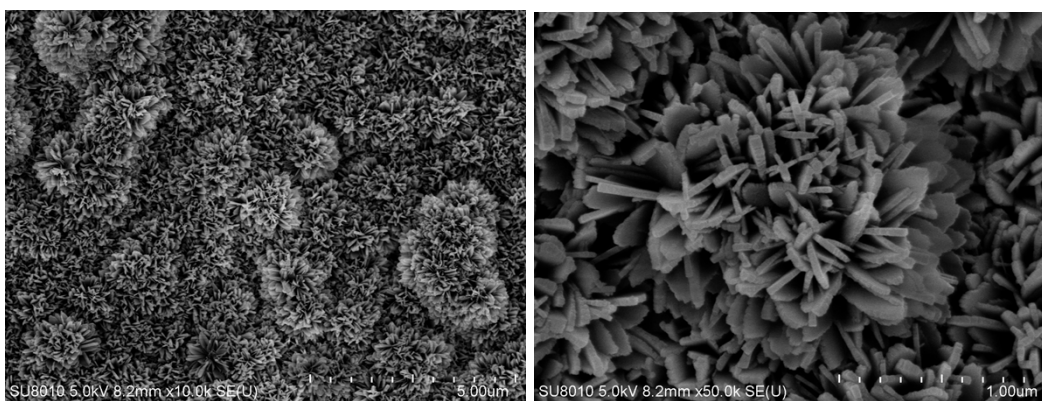


Figure S2: SEM images of the flowerlike boehmite film after ultrasonic treatment for 30 min.

The flowerlike structure of boehmite was successfully maintained under the mechanical force of the ultrasonication, illustrating the attachment of the coating to the surface are very strong.