Supplementary information for:

Optimised electronic contacts in SnO₂-dye-P3HT based Solid State Dye Sensitized Solar Cells

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Figure S1: (a) short circuit current density, (b) open circuit voltage, (c) filling factor and (d)efficiency of SDSCs with P3HT as HTM and different compact layers: (I) Sprayed layer, (II) sprayed layer with a spin coated layer, (III) sprayed layer with two spin coated layers, (IV) 3 Spin coated layers, (V) 5 Spin coated layers.



Figure S2: (a) short circuit current density, (b) open circuit voltage, (c) filling factor and (d)efficiency of SDSCs with Spiro-OMeTAD as HTM and different compact layers: (I) Sprayed layer, (II) sprayed layer with a spin coated layer, (III) sprayed layer with two spin coated layers, (IV) 3 Spin coated layers, (V) 5 Spin coated layers.



Figure S3: (a) short circuit current density, (b) open circuit voltage, (c) filling factor and (d)efficiency of SDSCs with different thicknesses of alumina as buffer layer.