

Table S1. Electrostatics and hydrophobicity at the interface. Complementary of Table 3 of the main text in absolute values in \AA^2

		T = 300 K				
	System	$S_{\text{hydrophobic}}$ (%)	$S_{\text{hydrophilic}}$ (%)	S_{mixed} (%)	H-bonds	N_{IP}
\mathcal{M}	<i>m</i> interface	629 ± 37	780 ± 31	1391 ± 43	44 ± 3	9.0 ± 1.2
	<i>d</i> interface	431 ± 27	683 ± 25	384 ± 22	29 ± 2	4.0 ± 0.2
	<i>c</i> interface	50 ± 6	155 ± 19	168 ± 15	7 ± 2	1.4 ± 0.7
\mathcal{T}	<i>m</i> interface	724 ± 29	644 ± 28	1340 ± 39	33 ± 3	7.5 ± 0.9
	<i>d</i> interface	577 ± 25	634 ± 27	458 ± 29	27 ± 3	5.9 ± 1.0
	<i>c</i> interface	63 ± 30	223 ± 40	140 ± 43	20 ± 3	7.8 ± 1.0
		T = 360 K				
\mathcal{M}	<i>m</i> interface	744 ± 41	825 ± 42	1378 ± 50	44 ± 3	7.3 ± 1.0
	<i>d</i> interface	462 ± 32	609 ± 38	416 ± 28	24 ± 3	4.0 ± 0.3
	<i>c</i> interface	65 ± 10	193 ± 21	163 ± 22	9 ± 2	3.5 ± 0.9
\mathcal{T}	<i>m</i> interface	782 ± 34	675 ± 36	1285 ± 47	37 ± 3	9.2 ± 0.9
	<i>d</i> interface	531 ± 45	606 ± 49	481 ± 34	27 ± 3	7.3 ± 1.0
	<i>c</i> interface	38 ± 22	198 ± 23	122 ± 37	19 ± 2	9.6 ± 1.2

Errors correspond to standard deviation.