

Supplementary Materials

Table S1. Colorimetric coordinates in the CIELCH space for the coloured mock-ups. Data for different coats and increasing time of accelerated ageing.

| Code | Ageing | 0 coat | | | 1 coat | | | 2 coats | | | 3 coats | | |
|------|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | <i>L</i> * | <i>C</i> * | <i>h</i> * | <i>L</i> * | <i>C</i> * | <i>h</i> * | <i>L</i> * | <i>C</i> * | <i>h</i> * | <i>L</i> * | <i>C</i> * | <i>h</i> * |
| P3 | 0 h | 78.4 | 26.4 | 79.2 | 74.1 | 33.2 | 73.3 | 65.2 | 47.5 | 63.6 | | | |
| | 240 h | 67.7 | 37.4 | 71.2 | 64.0 | 41.8 | 70.5 | 60.5 | 47.7 | 69.4 | | | |
| | 520 h | 63.8 | 38.6 | 70.1 | 61.6 | 38.5 | 69.0 | 60.3 | 44.4 | 69.3 | | | |
| P4 | 0 h | 77.4 | 26.7 | 78.8 | 60.1 | 46.6 | 54.1 | 51.9 | 60.8 | 51.9 | | | |
| | 240 h | 66.3 | 37.6 | 71.1 | 62.0 | 40.7 | 67.5 | 57.7 | 46.3 | 60.3 | | | |
| | 520 h | 64.5 | 35.1 | 69.7 | 61.4 | 36.5 | 67.1 | 59.2 | 42.4 | 64.7 | | | |
| P5 | 0 h | 80.0 | 21.6 | 76.9 | 77.9 | 24.8 | 70.1 | 73.7 | 28.9 | 62.9 | 68.7 | 33.9 | 56.5 |
| | 240 h | 69.3 | 38.2 | 71.5 | 65.2 | 41.3 | 69.1 | 64.9 | 41.3 | 69.5 | 61.6 | 43.1 | 65.3 |
| | 520 h | 66.2 | 35.5 | 69.0 | 64.2 | 37.7 | 69.0 | 61.7 | 40.2 | 67.5 | 60.7 | 40.8 | 66.7 |
| P6 | 0 h | 80.3 | 22.7 | 77.3 | 72.9 | 31.8 | 58.3 | 62.6 | 43.8 | 46.7 | | | |
| | 240 h | 67.9 | 38.8 | 71.2 | 66.4 | 38.7 | 69.1 | 62.9 | 39.6 | 61.2 | | | |
| | 520h | 64.1 | 37.2 | 68.5 | 63.2 | 36.0 | 67.3 | 61.4 | 36.7 | 62.3 | | | |
| P7 | 0 h | 74.8 | 28.0 | 75.9 | 73.5 | 29.3 | 70.9 | 71.6 | 32.3 | 67.3 | 65.8 | 38.1 | 59.3 |
| | 240 h | 62.9 | 43.4 | 70.2 | 64.2 | 40.6 | 70.3 | 63.1 | 43.7 | 69.2 | 58.1 | 45.8 | 64.1 |
| | 520 h | 60.1 | 40.6 | 67.5 | 61.0 | 39.5 | 68.3 | 59.1 | 41.9 | 67.5 | 56.2 | 43.5 | 64.2 |
| P8 | 0 h | 78.3 | 29.4 | 77.6 | 71.2 | 33.3 | 58.9 | 58.9 | 44.4 | 47.5 | | | |
| | 240 h | 65.9 | 43.9 | 70.6 | 67.3 | 39.9 | 69.7 | 63.9 | 42.0 | 62.1 | | | |
| | 520 h | 60.1 | 41.9 | 67.4 | 64.2 | 36.4 | 68.0 | 59.9 | 38.6 | 61.5 | | | |

Table S2: ΔE values (CIE2000) after artificial ageing for 520 h.

| Code | $\Delta E_{2000} (t=0 - t=520)$ | | | |
|------|---------------------------------|---------|---------|---------|
| | 0 coats | 1 coat | 2 coats | 3 coats |
| P3 | 9.6943 | 9.9074 | 3.0021 | – |
| P4 | 13.5346 | 12.6893 | 18.6332 | – |
| P5 | 12.7248 | 11.7157 | 11.4481 | 11.4788 |
| P6 | 11.1031 | 9.9968 | 10.5922 | – |
| P7 | 14.274 | 9.825 | 10.9738 | 7.3015 |
| P8 | 11.7674 | 4.7557 | 6.704 | – |