

Supplementary material

Degradation of Traditional Silicate Glass and Protective Coatings under simulated unsheltered conditions

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PRE-AGING PHASE

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AGING PHASE

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PREAGING

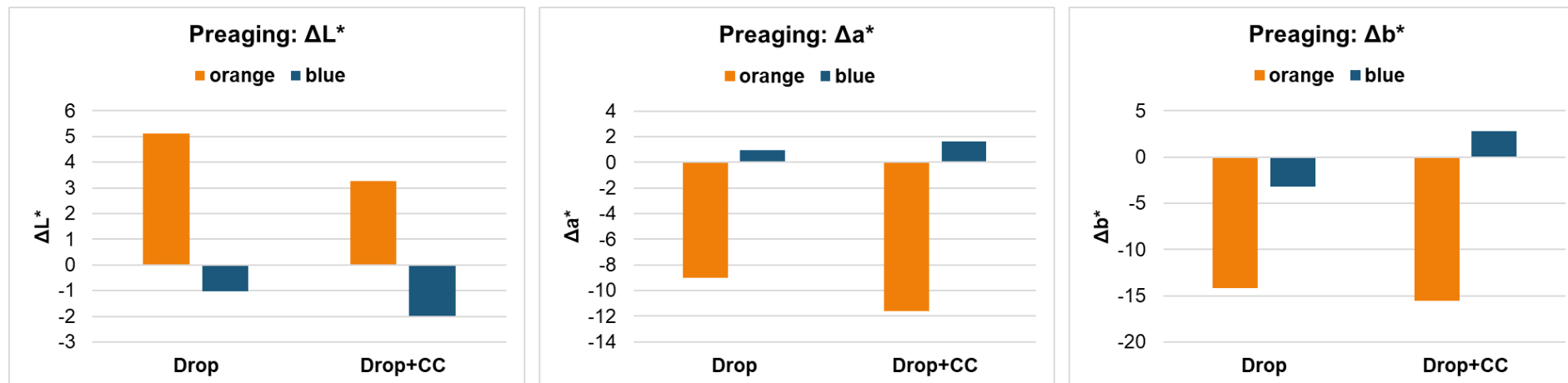


Figure S1: Variation in L^* , a^* , b^* parameters during pre-aging, differences are calculated with respect to the colour of pristine glass ($p-t_0$).

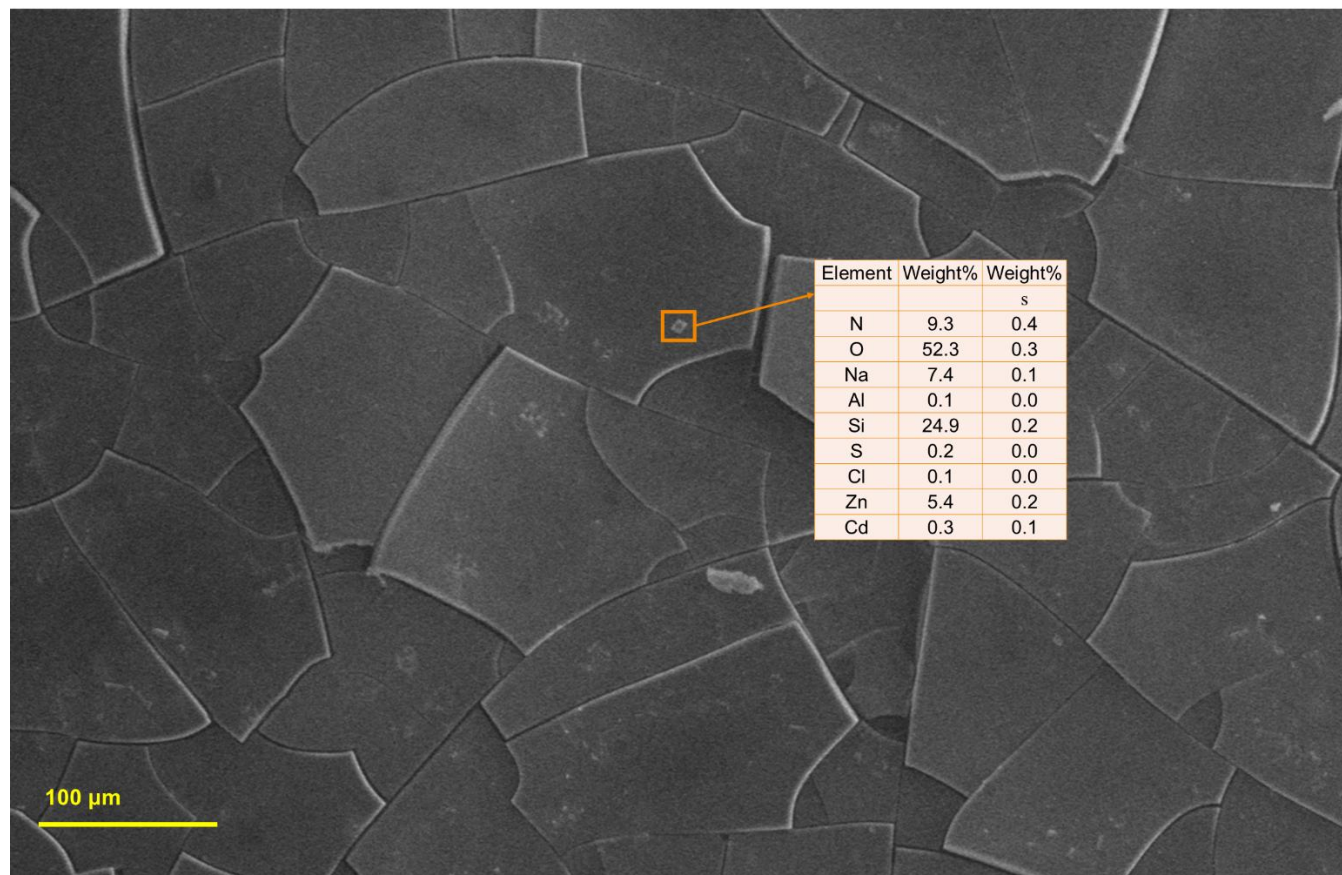


Figure S2: Secondary electron image showing nitrate salt deposits on orange glass during pre-aging, specifically at $p\text{-}t_{\text{drop}}$, elemental data is reported at wight%.

AGING

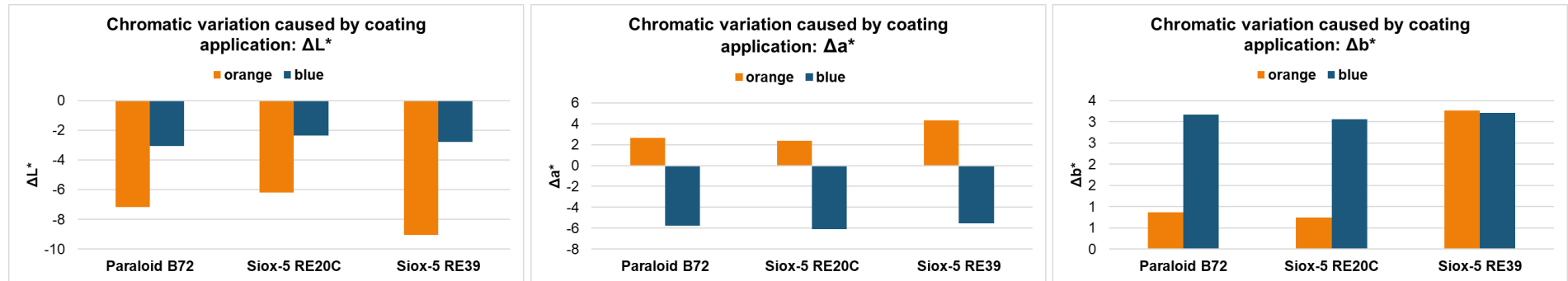


Figure S3: Variation in L^* , a^* , b^* parameters caused by the application of protective coatings. Differences are calculated between the coated pre-aged specimens ($a-t_0$) and the last pre-aging step ($p-t_{drop+CC}$).

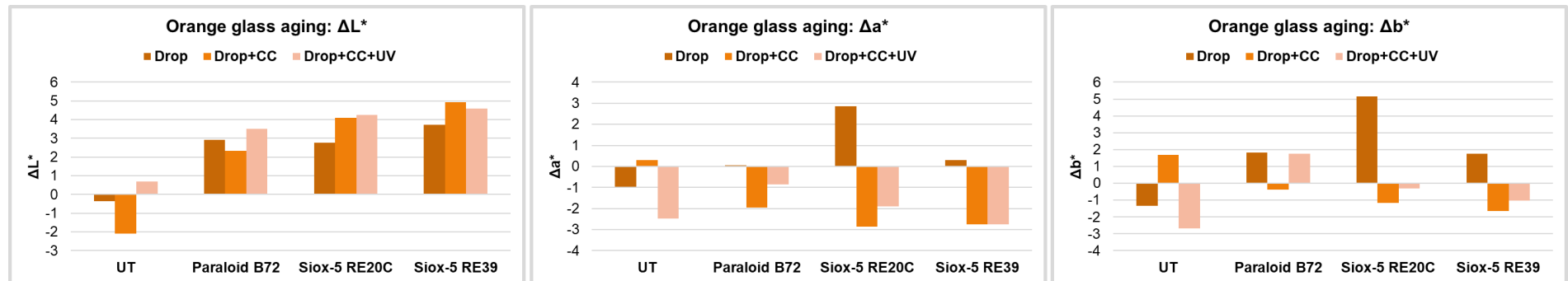


Figure S4: Variation in L^* , a^* , b^* parameters during aging of orange glass coated and uncoated (UT). Differences are calculated with respect to the coated pre-aged specimens ($a-t_0$).

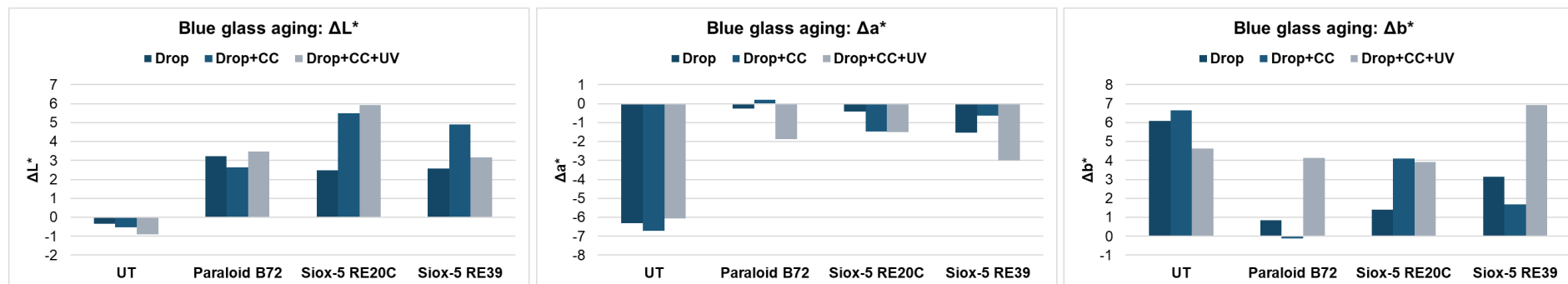


Figure S5: Variation in L^* , a^* , b^* parameters during aging of blue glass coated and uncoated (UT). Differences are calculated with respect to the coated pre-aged specimens ($a-t_0$).