

Table S1. Means and standard deviations of L* value of L*, a*, b* (LAB) color scale for ceramic brackets, according to the solution over time

L parameter		Coca Cola	Coffee	Vitamin drink	Control
QuickKlear® III	T0	65.73 ± 3.68 ^{a b}	58.56 ± 1.12 ^{a b}	66.1 ± 2.62 ^{a b}	67.26 ± 1.31 ^{a b}
	T1	59.35 ± 3.33 ^{a b}	51.95 ± 1.23 ^{a b}	66.55 ± 2.95 ^{a b}	65.35 ± 0.81 ^{a b}
	T2	51.15 ± 1.07 ^{a b}	42.71 ± 1.24 ^{a b}	66.78 ± 3.25 ^{a b}	65.16 ± 1.13 ^{a b}
	T3	49.86 ± 0.17 ^{a b}	38.5 ± 2.53 ^{a b}	59.95 ± 3.09 ^{a b}	71.74 ± 4.2 ^{a b}
	T4	48.93 ± 1.35 ^{a b}	36.38 ± 0.62 ^{a b}	48.76 ± 0.86 ^{a b}	69.15±2.08 ^{a b}
ClearViz+Mini	T0	96.27 ± 2.85 ^{a c}	96.13 ± 2.95 ^{a b}	96.66 ± 2.3 ^a	96.6 ± 2.13 ^{a c}
	T1	95.21 ± 0.36 ^{a c}	94.44 ± 1.45 ^{a c}	99.34 ± 0.97 ^{a c}	97.39 ± 0.87 ^{a c}
	T2	94.15 ± 0.19 ^{a c}	83.26 ± 0.93 ^a	95.72 ± 0.24 ^{a b}	97.39 ± 1.52 ^a
	T3	94.32 ± 1.57 ^{a c}	78.87 ± 1.03 ^a	93.47 ± 1.53 ^{a c}	96.47 ± 1.6 ^a
	T4	92.09 ± 0.49 ^{a c}	78.17 ± 2.94 ^a	92.41 ± 1.59 ^{a c}	96.93 ± 0.79 ^{a c}
Chic.	T0	83.65 ± 0.64 ^c	83.66 ± 3.33 ^b	83.79 ± 0.98	86.44 ± 1.66
	T1	84.17 ± 0.54 ^c	83.27 ± 0.86 ^c	83.23 ± 0.70 ^c	86.79 ± 0.49
	T2	84.4 ± 0.49	79.51 ± 0.77	82.21 ± 0.58 ^b	84.29 ± 0.29
	T3	84.53 ± 0.24	74.39 ± 2.03	80.2 ± 1.1 ^c	83.23 ± 0.13
	T4	85.41 ± 0.63	67.75 ± 0.71	76.06 ± 0.51 ^c	85.48 ± 0.76
Vapor™	T0	91.67 ± 0.74 ^b	90.25 ± 0.26 ^b	92.1 ± 0.14 ^{b c}	93.44 ± 0.78 ^b
	T1	90.83 ± 0.12 ^b	90.13 ± 0.42 ^b	91.27 ± 0.31 ^{b c}	91.83 ± 0.92 ^b
	T2	90.11 ± 0.32 ^b	81.43 ± 2.02 ^b	90.52 ± 0.82 ^b	92.13 ± 2.2 ^b
	T3	90.31 ± 0.2 ^b	75.85 ± 1.57	90.09 ± 0.46 ^{b c}	96.68 ± 0.73 ^b
	T4	89.8 ± 0.15 ^b	74.38 ± 0.49	89.55 ± 0.57 ^b	93.71 ± 1.2 ^b
20/40™ Brackets	T0	85.07 ± 0.41	84.38 ± 0.33	85.28 ± 0.42	84.6 ± 0.37 ^c
	T1	84.81 ± 0.41	83.79 ± 0.40	85.05 ± 0.5	84.64 ± 0.76
	T2	83.59 ± 0.73 ^c	79.29 ± 0.26	84.47 ± 0.29	84.34 ± 0.42
	T3	83.06 ± 0.43 ^c	78.69 ± 0.36 ^b	83,12 ± 0,69	83.59 ± 0.58
	T4	82.64 ± 0.35 ^c	77.32 ± 0.22 ^b	81,57 ± 0,40	83.38 ± 0.74 ^c

Table S2. Means and standard deviations of a* value of L*, a*, b* (LAB) color scale for ceramic brackets, according to the solution over time

a parameter		Coca Cola	Coffee	Vitamin drink	Control
QuicKlear® III	T0	0.24 ± 0.07 ^a	0.59 ± 0.07	0.17 ± 0.38 ^a	-0.24 ± 0.37 ^{a b}
	T1	-0.2 ± 0.25 ^a	1.08 ± 0.24 ^a	0.57 ± 0.26 ^a	0.89 ± 0.89
	T2	-0.05 ± 0.54	1.45 ± 0.31	0.87 ± 0.15	0.4 ± 0.1
	T3	0.2 ± 0.11	2.51 ± 0.39	1.05 ± 0.34	0.01 ± 0.31 ^{a b}
	T4	-0.11 ± 0.04 ^{a c}	2.34 ± 0.37 ^a	0.57 ± 0.2	0.22 ± 0.18 ^{a b}
ClearViz+Mini	T0	0.13 ± 0.2 ^{b c}	0.47 ± 0.23	0.25 ± 0.05 ^b	0.23 ± 0.1 ^c
	T1	0.23 ± 0.05 ^b	0.92 ± 0.08 ^b	0.75 ± 0.23 ^b	0.68 ± 0.12
	T2	0.36 ± 0.04	1.17 ± 0.39 ^a	0.37 ± 0.04 ^a	0.37 ± 0.09
	T3	0.71 ± 0.06	4.22 ± 0.26 ^a	0.91 ± 0.1	0.22 ± 0.02 ^c
	T4	0.19 ± 0.01	4.29 ± 0.31	1.45 ± 0.81	0.28 ± 0.06 ^{c d}
Chic.	T0	1.18 ± 0.19 ^{a b}	2.27 ± 0.55 ^a	1.52 ± 0.45 ^{a b}	1.25 ± 0.21 ^a
	T1	0.97 ± 0.51	2.67 ± 0.22	2.2 ± 0.43 ^{a b}	0.46 ± 0.03 ^a
	T2	1.22 ± 0.72 ^a	2.34 ± 0.2 ^b	2.11 ± 0.1 ^{a b}	-0.09 ± 0.23 ^a
	T3	0.34 ± 0.66	4.52 ± 0.72 ^b	1.95 ± 0.11 ^{a b}	0.83 ± 0.05 ^a
	T4	0.65 ± 0.27 ^b	4.52 ± 0.36	2.23 ± 0.06 ^{a b}	1.07 ± 0.11 ^{a c}
Vapor™	T0	1.01 ± 0.22 ^c	0.71 ± 0.04 ^b	0.69 ± 0.11	1.73 ± 0.31 ^{b c}
	T1	1.24 ± 0.05	1.03 ± 0.07 ^c	0.7 ± 0.07	1.19 ± 0.17 ^a
	T2	0.83 ± 0.42 ^b	0.63 ± 0.05 ^{b c}	0.61 ± 0.1	1.16 ± 0.2 ^a
	T3	1.19 ± 0.47 ^a	1.09 ± 0.12 ^{a b}	0.2 ± 0.0 ^a	1.21 ± 0.08 ^{b c}
	T4	1.33 ± 0.04 ^{a c}	1.86 ± 0.12 ^b	0.45 ± 0.1 ^a	1.29 ± 0.29 ^{b d}
20/40™ Brackets	T0	0.6 ± 0.07 ^a	0.16 ± 0.22 ^{a b}	-0.3 ± 1.5	0.56 ± 0.04
	T1	2.12 ± 0.22 ^b	3.7 ± 0.10 ^{a b c}	0.6 ± 0.64	0.6 ± 0.0
	T2	-2.63 ± 0.58 ^{a b}	3.59 ± 0.44 ^{a c}	0.08 ± 0.44 ^b	0.45 ± 0.04
	T3	-3.24 ± 0.44 ^a	3.31 ± 0.33	-0.94 ± 0.59 ^b	0.5 ± 0.1
	T4	-3.6 ± 0.45 ^{b c}	6.32 ± 0.48 ^{a b}	0.24 ± 0.36 ^b	0.5 ± 0.1

Table S3. Means and standard deviations of b* value of L*, a*, b* (LAB) color scale for ceramic brackets, according to the solution over time

b parameter		Coca Cola	Coffee	Vitamin drink	Control
QuickKlear® III	T0	2.47 ± 0.07	3.13 ± 0,17 ^{a b}	3.6 ± 0.20 ^{a b}	2.09 ± 0.5
	T1	3.55 ± 0.2	6.75 ± 1,89	5.75 ± 0.69 ^a	2.7 ± 0.36
	T2	5.47 ± 0.46 ^a	8.0 ± 1,12 ^a	6.24 ± 0.39 ^a	2.78 ± 0.07
	T3	5.81 ± 0.05 ^{a b}	9.85 ± 0,64	5.55 ± 0.52 ^{a b}	2.97 ± 0.25
	T4	5.75 ± 0.67 ^{a b}	9.91 ± 0,12	5.93 ± 0.1 ^{a b}	2.93 ± 0.28
ClearViz+Mini	T0	2.23 ± 0.34	1.5 ± 0,39 ^a	1.96 ± 0.09 ^a	2.19 ± 0.29
	T1	2.11 ± 0.2 ^a	4.43 ± 1,02	5.78 ± 0.45	5.1 ± 0.43 ^a
	T2	2.21 ± 0.24 ^{a b}	6.81 ± 1,82	5.59 ± 0.07 ^b	3.13 ± 0.29
	T3	2.04 ± 0.29 ^{a c}	9.77 ± 1,18	10.62 ± 0.32	1.43 ± 0.1 ^{a b c}
	T4	2.99 ± 0.56 ^{a c}	9.33 ± 0,66 ^a	10.13 ± 1.11	2.29 ± 0.18 ^{a b}
Chic.	T0	2.87 ± 0.31 ^a	2.4 ± 0,17	2.45 ± 0.46	2.97 ± 0.26 ^{a b}
	T1	3.64 ± 0.68	11.33 ± 0,36 ^a	9.55 ± 0.81 ^{a b}	3.68 ± 0.08 ^b
	T2	4.13 ± 0.42	11.31 ± 0,33 ^{b c}	11.16 ± 1.21 ^{b c}	2.69 ± 0.11
	T3	3.97 ± 0.47 ^b	16.88 ± 2,0 ^a	11.13 ± 0.77 ^a	3.37 ± 0.16 ^a
	T4	4.23 ± 0.15 ^b	18.43 ± 0,96 ^{a b}	11.36 ± 0.45 ^a	3.08 ± 0.13
Vapor™	T0	1.71 ± 0.23 ^a	1.31 ± 0,01 ^b	1.42 ± 0.1 ^b	1.89 ± 0.13 ^a
	T1	3.19 ± 0.3 ^b	3.33 ± 0,09 ^a	6.35 ± 0.95	2.03 ± 0.49 ^a
	T2	4.12 ± 0.16	4.61 ± 0,1 ^{a b}	7.48 ± 0.36	3.31 ± 0.44 ^b
	T3	4.13 ± 0.04	10.99 ± 0,13 ^b	8.39 ± 0.14 ^c	3.34 ± 0.2 ^b
	T4	4.43 ± 0.12	11.83 ± 0,5	8.76 ± 0.11 ^c	3.28 ± 0.39 ^a
20/40™ Brackets	T0	2.45 ± 0.14	2.26 ± 0,27	2.21 ± 0.33	1.68 ± 0.25 ^b
	T1	5.7 ± 0.3 ^{a b}	4.40 ± 0,10	5.34 ± 0.14 ^b	3.12 ± 0.09
	T2	5.45 ± 0.18 ^b	5.5 ± 0,1 ^c	11.77 ± 0.94 ^{a c}	3.2 ± 0.19
	T3	5.4 ± 0.1 ^c	7.52 ± 0,57 ^{a b}	13.61 ± 1.62 ^{b c}	3.41 ± 0.21 ^c
	T4	5.71 ± 0.11 ^c	9.32 ± 0,08 ^b	14.04 ± 1.55 ^{b c}	3.25 ± 0.2 ^b

Table S4. Means and standard deviations of L* value of L*, a*, b* (LAB) color scale for adhesive samples, according to the solution over time

L parameter		Coca Cola	Coffee	Vitamin drink	Control
Transbond™ XT	T0	74.35 ± 0.55 ^a	73.87 ± 0.16	74.57 ± 0.26 ^a	67.55 ± 0.11 ^a
	T1	71.97 ± 0.94 ^a	67.48 ± 0.29 ^a	71.05 ± 0.66 ^a	70.55 ± 0.65 ^a
	T2	69.91 ± 0.25 ^a	64.74 ± 1.55	69.21 ± 0.81 ^a	71.45 ± 0.74 ^a
	T3	68.36 ± 0.46 ^a	55.99 ± 1.19 ^a	70.26 ± 0.36 ^a	70.96 ± 0.39 ^a
	T4	60.63 ± 0.95 ^a	50.67 ± 0.61 ^a	70.63 ± 0.53 ^a	72.01 ± 0.09 ^a
BracePaste® adhesive color change	T0	75.41 ± 0.1	74.26 ± 1.16 ^a	75.67 ± 0.03	74.97 ± 0.78
	T1	74.47 ± 0.44	68.1 ± 0.47	75.21 ± 0.18	75.06 ± 0.31
	T2	70.11 ± 0.27	69.01 ± 0.2	73.99 ± 0.07	75.54 ± 0.29
	T3	69.63 ± 0.43	64.5 ± 0.78	74.36 ± 0.22	74.8 ± 1.16
	T4	69.47 ± 0.23	65.14 ± 0.4	71.82 ± 0.4	76.89 ± 0.23
BracePaste® adhesive	T0	81.94 ± 0.07 ^a	81.16 ± 0.5 ^a	81.89 ± 0.11 ^a	81.7 ± 0.41 ^a
	T1	80.16 ± 0.16 ^a	73.15 ± 0.37 ^a	80.98 ± 0.24 ^a	89.52 ± 0.75 ^a
	T2	77.22 ± 0.11 ^a	74.82 ± 1.1 ^a	80.14 ± 0.05 ^a	80.23 ± 0.22 ^a
	T3	76.66 ± 0.13 ^a	72.97 ± 0.07 ^a	76.13 ± 1.25 ^a	79.58 ± 1.45 ^a
	T4	72.88 ± 0.28 ^a	68.74 ± 0.23 ^a	76.49 ± 0.42 ^a	79.96 ± 1.37 ^a

Table S5. Means and standard deviations of a* value of L*, a*, b* (LAB) color scale for adhesive samples, according to the solution over time

a parameter		Coca Cola	Coffee	Vitamin drink	Control
Transbond™ XT	T0	0.78 ± 0.13 ^a	0.76 ± 0.12	0.91 ± 0.04 ^a	0.82 ± 0.05 ^a
	T1	0.89 ± 0.71	1.43 ± 0.21	2.14 ± 0.74 ^a	-0.06 ± 0.25
	T2	0.63 ± 0.08	1.24 ± 0.36	1.93 ± 0.09 ^a	1.25 ± 1.28 ^a
	T3	0.76 ± 0.22	3.89 ± 0.18 ^a	1.51 ± 0.59 ^{a b}	0.84 ± 0.14 ^a
	T4	1.29 ± 0.21	3.91 ± 0.14 ^a	1.57 ± 0.42	0.89 ± 0.02 ^a
BracePaste® adhesive color change	T0	0.43 ± 0.07	1.08 ± 0.44 ^a	0.46 ± 0.05	0.13 ± 0.06
	T1	1.67 ± 0.03 ^a	2.78 ± 0.1 ^a	1.89 ± 0.05	0.7 ± 0.09 ^a
	T2	1.67 ± 0.06 ^a	2.41 ± 0.07 ^a	1.79 ± 0.02	0.4 ± 0.09
	T3	2.24 ± 0.08 ^a	3.53 ± 0.52	1.44 ± 0.14 ^b	0.02 ± 0.12
	T4	2.24 ± 0.05 ^a	3.62 ± 0.2	1.86 ± 0.04 ^a	-0.06 ± 0.11
BracePaste® adhesive	T0	-3.79 ± 1.9	-4.59 ± 0.2 ^a	-4.8 ± 0 ^a	-4.99 ± 0.11 ^a
	T1	-4.38 ± 0.02 ^a	-2.9 ± 0.3 ^a	-2.76 ± 0.28 ^a	-4.48 ± 0.11 ^a
	T2	-3.71 ± 0.07 ^a	-1.57 ± 0.23 ^a	-2.84 ± 0.26 ^a	-2.97 ± 0.15 ^a
	T3	-3.1 ± 0.1 ^a	-2.08 ± 0.04 ^a	-1.31 ± 0.31 ^a	-3.67 ± 0.66 ^a
	T4	-2.18 ± 0.11 ^a	-1.19 ± 0.08 ^a	-0.86 ± 0.02 ^a	-3.06 ± 1.58 ^a

Table S6. Means and standard deviations of b* value of L*, a*, b* (LAB) color scale for adhesive samples, according to the solution over time

b parameter		Coca Cola	Coffee	Vitamin drink	Control
Transbond™ XT	T0	0.82 ± 0.55 ^a	12.03 ± 0.05 ^a	0.78 ± 0.13 ^a	0.91 ± 0.04 ^{a b}
	T1	8.34 ± 1.56 ^a	12.03 ± 0.05 ^a	10.43 ± 2.29	4.68 ± 0.98
	T2	7.34 ± 0.38 ^a	11.63 ± 0.89 ^a	12.79 ± 0.71	6.2 ± 0.21 ^a
	T3	4.83 ± 0.94 ^a	21.29 ± 0.65	15.17 ± 0.51 ^a	5.97 ± 0.63 ^a
	T4	2.89 ± 0.38 ^a	18.56 ± 0.47 ^a	14.59 ± 0.62 ^a	4.8 ± 0.08 ^a
BracePaste® adhesive color change	T0	7.56 ± 0.22 ^a	9.99 ± 1.76 ^a	7.7 ± 0.09 ^a	6.04 ± 0.5 ^a
	T1	18.99 ± 0.44 ^a	24.27 ± 0.56 ^a	20.22 ± 0.42 ^a	6.27 ± 0.47
	T2	20.23 ± 2.44 ^a	28.83 ± 0.43 ^a	19.36 ± 0.25 ^a	14.67 ± 0.5 ^a
	T3	23.39 ± 0.32 ^a	28.67 ± 1.73 ^a	28.67 ± 0.3 ^a	14.63 ± 0.59 ^a
	T4	26.71 ± 0.1 ^a	30.74 ± 0.49 ^a	28.07 ± 0.49 ^a	13.56 ± 0.53 ^a
BracePaste® adhesive	T0	5.69 ± 0.07	5.23 ± 0.85	5.88 ± 0.22	6.09 ± 0.5 ^b
	T1	8.83 ± 0.67	17.41 ± 0.85	9.87 ± 0.53 ^a	7.04 ± 0.33 ^a
	T2	11.38 ± 0.52	19.42 ± 0.93	11.47 ± 1.08 ^a	11.6 ± 0.6
	T3	9.49 ± 0.18	19.13 ± 0.03 ^a	21.89 ± 0.44	8.2 ± 2.49
	T4	18.61 ± 0.44	21.72 ± 0.37	23.78 ± 0.25	9.13 ± 2.24