

Laboratory: Paris V - Montrouge

Date: April 2006

Tested materials: Self-adhering luting cements

Test: Shear test

Substrates: Sandblasted (50 microns alumina) micro-hybrid composite (TETRIC CERAM-Vivadent) luted on coronal human dentin

Surface treatment: no

Storage: 20 minutes into water: early SBT

Operator: Dr. Wladimir Aranda

Material	Specimen nb	Dentin SBS mean (MPa)	S.D. (MPa)	coef. Var. (%)
TotalCem	10	13,241	1,84	13,90
Maxcem	10	9,548	1,322	13,85
Unicem	10	14,98	2,16	14,42

Statistics: ANOVA 1 and Fischer's PLSD test

comparison	mean Diff.	crit. Diff.	p values	
TotalCem, Maxcem	3,693	1,658	<,0001	S
TotalCem, Unicem	-1,739	1,658	0,0405	S
Maxcem, Unicem	-5,432	1,658	<,0001	S