

## **cmf adhesive system / Technical Data**

### **Cmf prime**

Product description	solvent-containing primer
Composition	acetone, ethanol, phosphonic acid acrylate
Appearance	clear, yellowish liquid
Consistency	low viscous
Refractive index (25 °C)	1.388 - 1.398

### **cmf bond**

Product description	solvent free bonding adhesive
Composition	ethoxylated BisGMA, silanized Ba glass
Appearance	white to yellow liquid
Consistency	viscous

Shear bond strength	> 12 Mpa
Micro-tensile bond strength Dentin	25 Mpa <sup>1)</sup>
Micro-tensile bond strength to Enamel	31 Mpa <sup>1)</sup>
Marginal seal to Enamel	100% <sup>2)</sup>
Marginal seal to Dentine	99% <sup>2)</sup>

<sup>1)</sup> De Munck J., Van Merbeek B. et al., Leuven BIOMAT Research Cluster 2007, preliminary results, unpublished

<sup>2)</sup> Blunck U., Charité Berlin, 2006, unpublished in-vitro assessment