

Report on Tested BJM Products

Dr. C. Ventureira

High Q Bond Band

Versatile product with two main indications:

- Orthodontics bands luting
- Bite lifting/ Occlusal pad in the cases of occlusal interference and vertical control in the cases of augmented overbite (anterior teeth) or open bite (back molars)

Characteristics

This is a dual product, light-curing and chemical polymerization of high bonding with tooth, porcelain and metal surfaces.

Compatible with all LED lamps we have at our dental surgery with an adequate working time. Though it is highly photosensitive, the curing time is enough to allow an adequate handling in the process of processing bite openings or the optimum positioning of the band.

The density of the product is acceptable, though we think that a light reduction of its fluidity would improve its handling. A little bit too much viscosity.

Chemical and mechanical bonding to the surface of the tooth and to the metal of the band allowing the full filling of the surface, leaving no "gaps".

This material releases fluoride to reduce the probability of demineralization of the surface of the tooth in contact with the product, reducing thus the incidence of caries even in inadequate hygiene situations.

The blue colour allows an adequate differentiation of the enamel, facilitating its complete removal, leaving neither remains nor damages in the subjacent enamel.

Clinical Judgement

Due to the qualities of the product described above, we believe it is an extremely useful product for the current orthodontic consultations. In our opinion, its viscosity is somewhat excessive; we understand that if the density of the product were to increase a little bit it would improve its handling. The general assessment is very good.

High Q Bond Bracket

Product for:

- Orthodontic multi-bracket appliances luting.

- Luting of metallic structures in general. We have tested it for the luting of Maryland bridges with very good feelings.

Characteristics

It is a light-curing product of high bonding to the tooth, porcelain and metal surfaces.

It is compatible with all the LED lamps we have in our consultation with an adequate working time. Though highly photosensitive, the curing time is enough to allow the correct use in the luting process of brackets.

The density of the product is acceptable, though, once again, a slight reduction of its fluidity would improve its handling in our opinion. Viscosity a little bit too excessive.

Excellent chemical and mechanical bonding to the surface of the tooth and to the metal of the bracket. Very low rate of debanding.

This material releases fluoride to reduce the probability of demineralization of the surface of the tooth in contact with the product, reducing thus the incidence of caries even in inadequate hygiene situations.

Clinical Judgement

Due to the qualities of the product above described, we believe it is a high quality product. As in the case of the High Q Bond Band, we believe that the viscosity is somewhat excessive. We understand that if the density or the product were to increase a little bit, its use would improve. The general assessment is also very good.

Sincerely,

Dr. César Ventureira

Summary of track record:

Doctor in Medicine at Universidad Autónoma de Madrid, Outstanding "Cum Laude" 2009.

Extraordinary Degree Award by Universidad Complutense of Madrid. 1998.

Masters in Orthodontics at hospital Fundación Jiménez Díaz. Universidad Autónoma of Madrid. 2003.

Teaching Experience:

Professor at the Masters in Orthodontics and Dentomaxilar Orthopaedics at Universidad CEU-San Pablo in Madrid. (October 2009 until today)

Professor at the Orthodontics Masters at Fundación Jiménez Díaz (2004 until 2010).

Professor at the Orthodontics Masters of the Universidad Alfonso X el Sabio in Madrid. (2005 until 2009).