

iCEM® Self Adhesive: the easy and reliable way to cement

ICEM® Self Adhesive, the first all-in-one resin luting cement from Heraeus Kulzer, is now available to dentists. Used for indirect restorations it can now etch, prime, bond, desensitise and cement in just a single working step. Numerous scientific studies prove that iCEM® Self Etch not only combines reliable bond strength with an easy universal application but also reduces the risk of postoperative sensitivity.

The first self-adhesive, dual-curing resin luting cement from Heraeus Kulzer is based on many years of experience in the ongoing development of composite materials and self-etching adhesives. iCEM® Self Adhesive is very versatile. It covers virtually all indications and materials used for indirect restorations in the dental practice such as metal and all-ceramic crowns and bridges, composite, and ceramic inlays – onlays or glass fibre root posts.

Convenient application, easy handling

iCEM® Self Adhesive is very convenient: it is applied directly into the indirect restoration or cavity using an Automix syringe. Additional mix-

ing or application devices are not required. Its excellent stability means that it can be stored at room temperature. Thanks to its innovative formula, iCEM® Self Adhesive tolerates varying degrees of moisture on the prepared tooth. This ensures reliable curing and marginal integrity. Excess can be easily removed even after a short polymerisation time of one to two seconds. Another feature is its exceptionally long working time, because the material sets only after seating the restoration.

The cement has a desensitising effect that considerably reduces the risk of postoperative hypersensitivity. Exposed dentinal tubuli, over dried dentine, and over etching of the dentine are the main causes of postoperative sensitivity and these are automatically excluded when using iCEM® Self Etch. No material-induced postoperative sensitivity was experienced by any of the patients treated in hands-on tests on iCEM® Self Adhesive.

Reliable bond strength proven by worldwide scientific studies

Numerous researchers from leading



universities verified the mechanical properties of iCEM® Self Adhesive. In tensile tests carried out by Tufts University School of Dental Medicine in Boston, USA, the bond strength to root dentine with nearly 250N proved to be higher than for products of other suppliers. In microtensile tests by the Universities of Texas and North Carolina a reliable bond strength to dentine, comparable with clinical proven systems, was recorded for the all-in-one cement iCEM® Self Adhesive by Heraeus Kulzer.

These and further studies have proven that the innovative formula of iCEM® Self Adhesive combines the advantages of classical cements, like easy handling and tolerance to moisture on the tooth, with the high-quality mechanical and aesthetic properties of resin luting cements. ♦

Available: Heraeus Kulzer Australia

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Bright Smiles dental treatment



Children receive much needed dental care thanks to Dental Corporation and Bright Smiles days

A national pilot program, Bright Smiles, was recently launched by Colgate® to tackle the dental health problems of children in need in communities around Australia.

As part of the program, 26 children from local charities received free dental treatment from the team at Active Dental, led by Dr David Moffet and part of Dental Corporation, during a special treatment day held at the dental practice in Parramatta on Saturday 7th February.

Organised in partnership with The Salvation Army and Barnardos, the Colgate-sponsored 'Bright Smiles' program links volunteer dentists with children in need. The program also educates the community about ways to prevent dental disease through better brushing and improved oral care.

The team at Active Dental believe it's a

very valuable program. "It's great to be able to give something back to the community". The kids feel so special and the team at Active Dental got a buzz from seeing their smiles light up and "making a real difference". It's a win, win!" said Dr David Moffet.

As part of the Bright Smiles program, an educational video has also been produced by Colgate which teaches parents how to properly care for their children's teeth. Presented by Play School presenter Brooke Satchwell, parents can watch this video on YouTube.com by typing in the search term 'Bright Smiles Education Video'.

Dr Barbara Shearer, Colgate Scientific Affairs Manager commented that, "Parents can set a good example for their kids by looking after their own oral health. By brushing twice daily, flossing and regularly visiting a dentist, some dental problems that people experience can be avoided." ♦

For further information: www.brightsmiles.net.au