

3M ESPE Clinical Focus

NEW Filtek™ Supreme XTE Universal Restorative



NEW Filtek™ Supreme XTE - the latest innovation in the Filtek™ line of restoratives has all the same excellent physical and handling properties of Filtek™ Supreme XT.

Now with the added benefits of increased polish retention, fluorescence and versatility for creating easy, natural one-shade, dual or multi-shade restorations.

Lower Incisor Direct Composite Bonding

Clinical Case by Dr. Terry Wong BDSc Melbourne Vic

This patient presented with concerns regarding chipping and wearing down on the edges of his lower front teeth and that he also did not want his teeth "cut" for crowns or porcelain veneers. It was therefore decided to treat the patient by placing direct composite veneers. Fortunately in centric occlusion there was 2-3mm of space available to extend the height of teeth 31, 41, 42 and this was done by placing direct composite veneers using new 3M ESPE Filtek Supreme XTE.



BEFORE



AFTER



Fig. 1 Teeth were cleaned using a pumice/ water mixture & air abraded with Al oxide. A 32% Phosphoric Acid etch treatment was applied for 15-20 secs & then washed thoroughly.



Fig. 2 3M ESPE Adper SingleBond 2 Total Etch Bonding Agent was applied as per instructions and cured for 10 secs.



Fig. 3 The initial shade to replace the lingual enamel wall was 3M ESPE Filtek Supreme XTE in Shade A2E – Enamel. Cured for 20 secs.



Fig. 4 The Dentine replacement layer is generally 1 - 2 chroma higher than the enamel shade. 3M ESPE Filtek Supreme XTE Shade A3D – Dentine was suitable for this & applied over the A2E layer. Grooves were also created in this layer prior to curing.



Fig. 5 Cervical & buccal areas were then built up in 3M ESPE Filtek Supreme XTE in shade A2E – Enamel. & cured for 20 secs.



Fig. 6 The final layer of composite to impart translucency was 3M ESPE Filtek Supreme XTE in Shade GT – Grey Translucent. This was placed over the entire labial surface. The teeth were shaped with 3M ESPE Soflex discs and then silicone impregnated polishing points.

A lower splint was fabricated after the treatment to protect the bonded teeth from damage caused by nocturnal bruxing.

For further information on NEW Filtek™ Supreme XTE, contact 3M ESPE Customer Service on 1300 363 454, or visit www.3MESPE.com.au

3M ESPE