

BEAUTIFIL II LS

FILLING COMPOSITE

Low shrinkage – high polishability



PRG
Technology
Giomer



Maximum Aesthetics

Superior durability and aesthetics, combined with low polymerisation shrinkage and stress: Beautifil II LS (Low Shrinkage), the paste-like composite system which has been developed based on the proven Beautifil II, ensures the dentists minimum shrinkage and maximum aesthetics. The most remarkable feature of this light-cured universal composite for anterior and posterior restorations is its unique shrinkage of 0.85 percent by volume! Beautifil II LS

features excellent polishability and optimally matches natural tooth shades.

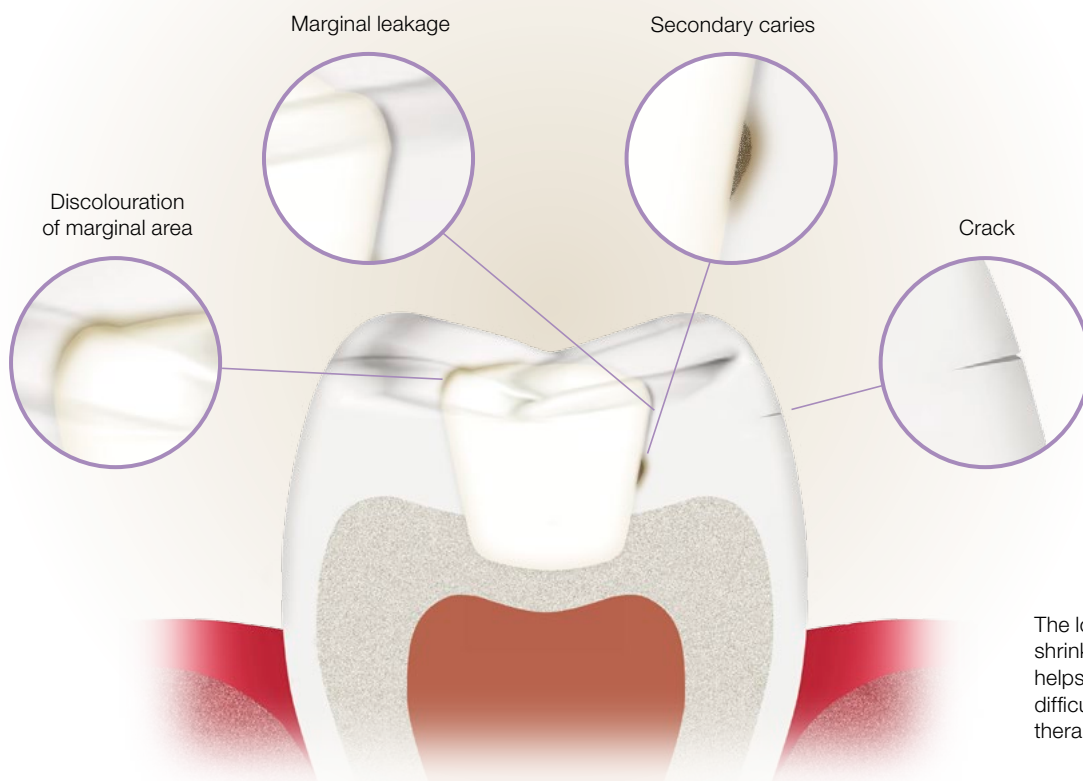
Besides, the integrated S-PRG filler technology helps to effectively protect enamel and dentine from acid attacks and caries bacteria – for an outstanding restorative therapy characterised by high aesthetics, long-term stability and sustainable caries prevention!



Great results with little time and effort

Thanks to the stackable and non-sticky consistency, this colour-stable material can easily and quickly be sculpted and adapted to the tooth structure.

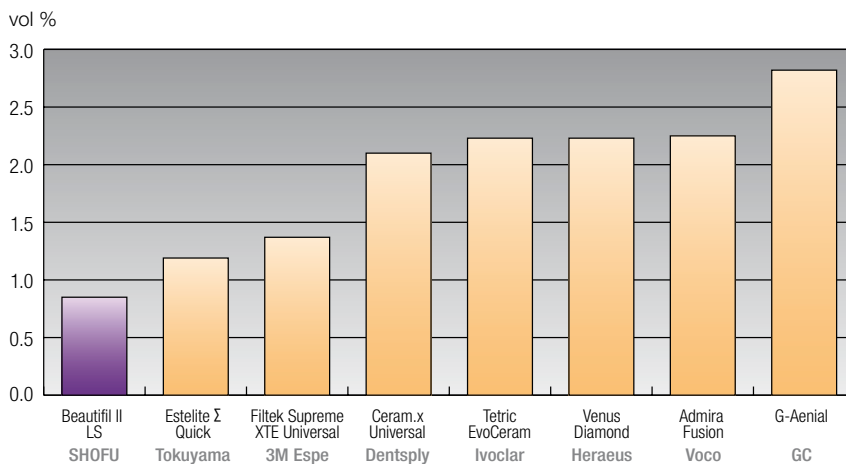
Beautifil II LS allows dentists to achieve superior restorations with long-lasting beauty and functionality. It comes in user-friendly syringes with convenient “one-touch caps” or in tips.



Minimum shrinkage and shrinkage stress

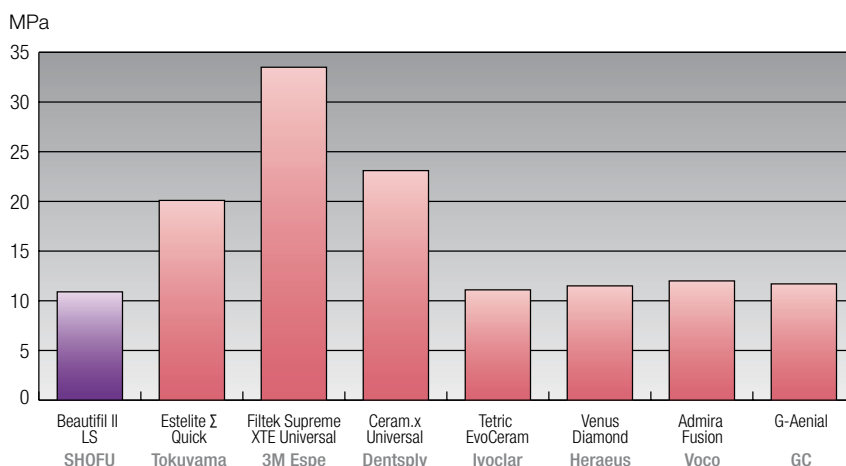
Polymerisation shrinkage is a key parameter for the success or failure of direct composite restorations. Modern, low-shrinkage composites like Beautifil II LS help to prevent microleakage and marginal discolouration. When used in combination with reliable bonding systems, they enable dentists to create truly durable and aesthetic restorations.

Polymerisation shrinkage* tested to ISO 17304:2013 (E)



This diagram shows the polymerisation shrinkage of Beautifil II LS in comparison with competitive products: Beautifil II LS achieves a value of only 0.85 % by vol., the lowest volumetric shrinkage of all materials tested.

Shrinkage stress*



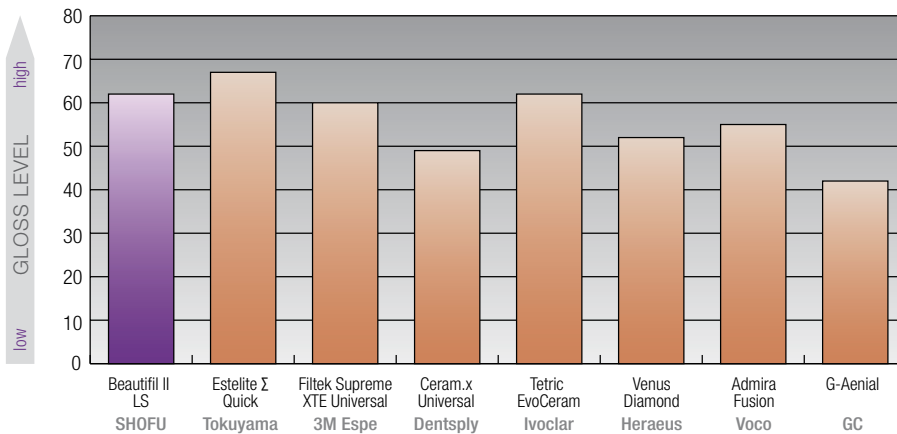
The shrinkage stress of Beautifil II LS is also impressive: It shows one of the lowest values (10.9 MPa) of all composites tested.



Natural light reflection and gloss retention

This radiopaque universal composite greatly enhances aesthetics: The use of multifunctional glass fillers and prepolymerised composite fillers provides high abrasion resistance, antagonist-friendly surface hardness and optimal compressive strength. Besides, it leads to natural light reflection, which facilitates the reproduction of natural tooth structure and creates a well-balanced chameleon effect in both dentine and enamel. Thanks to this special filler structure, restorations can quickly be polished to a high gloss.

Gloss (30 sec.)* tested to ISO 2813:2014



Multifunctional glass fillers and prepolymerised composite fillers ensure that Beautifil II LS can quickly be polished to a high gloss – for very smooth surfaces with minimal plaque retention sites and a long-lasting lustre.

Restoration with Beautifil II LS



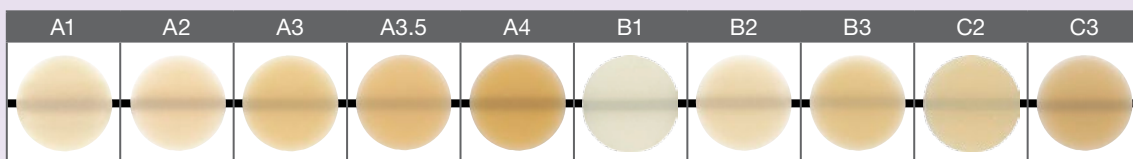
Situation after removal of amalgam fillings



Final composite restoration

Shade range

The Beautifil II LS composite system consists of ten popular tooth shades, two opaque dentine shades, one enamel shade and one bleach shade. It enables users to meet all aesthetic requirements in both multi-layer and single-layer techniques. The shade range is identical with that of Beautifil II and features excellent colour stability.

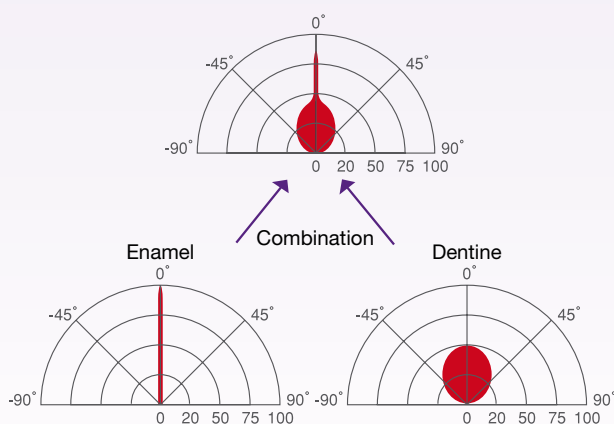


The shades A1-C3 correspond to the VITA* Classical Shades.



Optical characteristics

Beautifil II LS mimics the light transmission and diffusion effects of enamel and dentine thanks to its unique filler technology. This perfect adaptation allows dentists to create restorations with the optical characteristics of natural teeth.



BENEFITS

- Low shrinkage (< 1%) and shrinkage stress
- Excellent polishability and long-lasting gloss
- High abrasion resistance and durable surface hardness
- Natural light transmission and diffusion
- Sustainable fluoride release and recharge
- Shade range identical with Beautifil II

Order information

BEAUTIFIL II LS - Syringes and Tips



Shade	PN 4 g
SYRINGE	
A1	Y2270
A2	Y2271
A3	Y2272
A3.5	Y2273
A4	Y2274
B1	Y2275
B2	Y2276
B3	Y2277
C2	Y2278
C3	Y2279
A20 (opacious A2)	Y2280
A30 (opacious A3)	Y2281
Inc (Incisal)	Y2282
BW (Bleaching White)	Y2283

Shade	PN 0.25 g
TIPS, 20 pcs.	
A1	Y2284
A2	Y2285
A3	Y2286
A3.5	Y2287
A4	Y2288
B1	Y2289
B2	Y2290
B3	Y2291
C2	Y2292
C3	Y2293
A20 (opacious A2)	Y2294
A30 (opacious A3)	Y2295
Inc (Incisal)	Y2296
BW (Bleaching White)	Y2297

Related products



BeautiBond Universal
Self-etching adhesive



FL-Bond II
Self-etching fluoride releasing "two-step" adhesive system

* VITA is a registered trademark of VITA Zahnfabrik, Bad Säckingen, Germany.



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