

The background of the image is a blue-tinted photograph of a frozen lake, likely Lake Baikal, with a snow-covered mountain in the background. The ice on the lake shows various cracks and textures. The sky is a clear, pale blue.

Madespa

Restoration

Ventura composites represent the perfect union between technology and simplicity in use.

Restorations successfully carried out endorse the quality of Ventura composites, and their satisfactory clinical performance is confirmed by the scientific studies conducted.

Simple handling, accuracy in colours, and precise margins are key features for a good filling

Ventura composites meet the highest requirements in terms of both precision of results and handling.

More than 90% of restorations are carried out using a single shade, primarily because it minimises the working time in the clinic.

To achieve the desired aesthetic effect, Ventura composites provide the filling with a chameleonic effect where translucency and fluorescence are essential for the material to reflect the shades of the surrounding natural teeth, offering simple and aesthetically beautiful restorations.



Etching Gel

37% Orthophosphoric acid that provides mechanical adhesion in direct restorative procedures with resin-based materials and in preventive procedures for sealing pits and fissures.

High thixotropy gel with ideal viscosity.
Its blue colour allows perfect control of the procedure.
Practical and safe dispensing system with very fine applicator tips that can be bent.

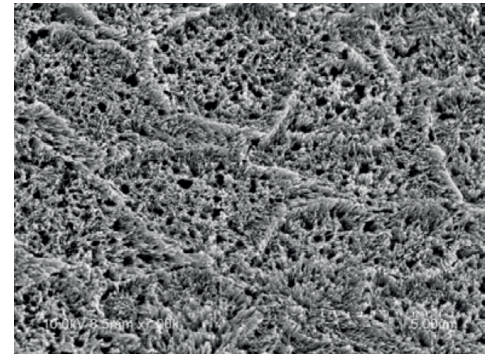
Etching time:

>15 s: enamel, recommended between 20 and 30 s

<15 s: dentine

Syneresis rate below 5%, compared to other brands, while maintaining a low pH.

Highly consistent etching pattern, improving resin retention to enamel.



Available in:

Ventura Etching Gel 6 ml (2 x 3 ml) + 8 tips.

Ventura Etching Gel 12 ml (4 x 3 ml) + 12 tips.

Ventura Etching Gel 10 ml (1 x 10 ml) + 10 tips.

Ventura Etching Gel 26 ml (2 x 10 ml + 2 x 3 ml) + 10 tips.

Ventura Etching Gel Eco Pack 46 ml (1x40ml + 2 x 3 ml) + 25 tips

Nanolux

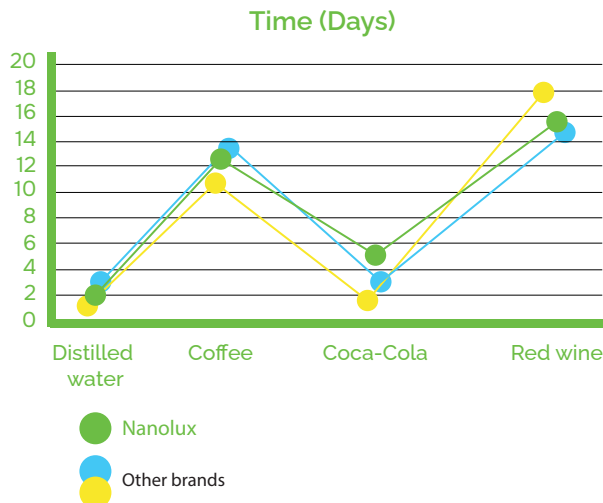
Universal light-curing nano-hybrid composite, capable of creating excellent quality restorations in both anterior and posterior teeth.

Inorganic load of 81%, particles from 0.05 to 0.9 microns.
Compatible with other adhesive brands. Very low water solubility and great colour stability. Fluoride release.
Excellent polish. Natural fluorescence. High hardness, resistant to fractures and wear. Rapid adaptation to the cavity.
Radiopaque.



Colour stability

Essential to ensure long-term aesthetics, preventing discolouration.



Surface roughness

After polishing, the restoration has a natural shine that helps to enhance the colour mimicry even further.



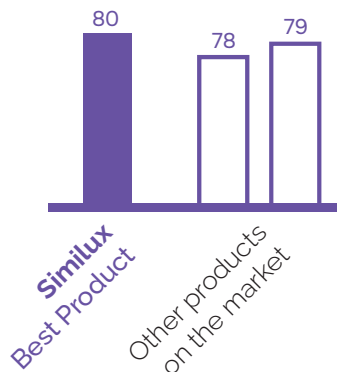
Similux

Light-curing microhybrid composite that guarantees everything needed for durable restorations.

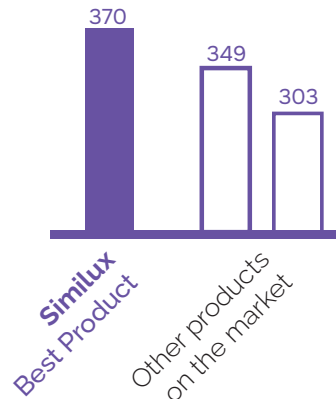
Inorganic load of 81%, particles from 0.05 to 1.5 microns.
Compatible with other brands of adhesives. Fluoride release.
Natural fluorescence. Great mimicry (chameleon effect).
High compression resistance, ideal for Class I and II cavities.
High abrasion resistance. High gloss polish. Radiopaque.
Excellent colour stability.



Barcol hardness



Compression resistance (MPa):



Flow

Light-curing fluid composite with a contraction stress and a contraction volume lower than most composites..

High abrasion resistance.

Compatible with other brands of composites.

Excellent handling due to its high thixotropy and viscosity.

Extended working time under operatory light due to its resistance to premature photopolymerisation.

Radiopaque. Excellent colour stability



Especially indicated for:

Direct restorations in Class III, IV, and V cavities of anterior and posterior teeth.

Fissure sealing and cavity base.

Small aesthetic restorations.

Repairs of acrylic and ceramic restorations.

Bulkfill Flow

Especially indicated for:

Filling large posterior cavities.

It is recommended to finish the restoration with a final occlusal layer.

Class I and II fillings.

Helps to preserve more tooth as it does not require bevels or cavity enlargement.

Features and benefits:

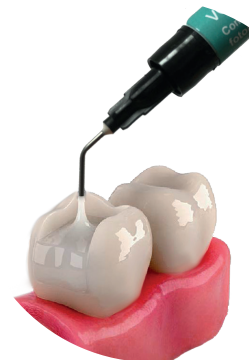
Both contraction stress and volumetric shrinkage values are very low.

Increased depth of cure (up to 4 mm thickness).

Easy placement, excellent handling and shaping.

Self-levelling with excellent adaptation.

Excellent colour stability



The use of monomers with lower molecular weight and the absence of TEGDMA and HEMA prevents toxic and allergic effects, and is therefore better tolerated by patients.

Properties:

Depth of cure:	> 5,4 mm.
Contraction stress (MPa): (after 30 min)	< 8 MPa.
Volumetric shrinkage:	3,44 %.
Flexural strength:	113 + 14 MPa.
Radiopacity (% Al):	>280.

Unibond 2

In the formulation of the Unibond 2 adhesive, the need for solvents to adequately wet the tooth has been eliminated through the introduction of a newly synthesised oligomer specifically designed for this purpose.

A single layer provides strong adhesion to enamel and dentine.

Quick application in both dry and wet techniques.

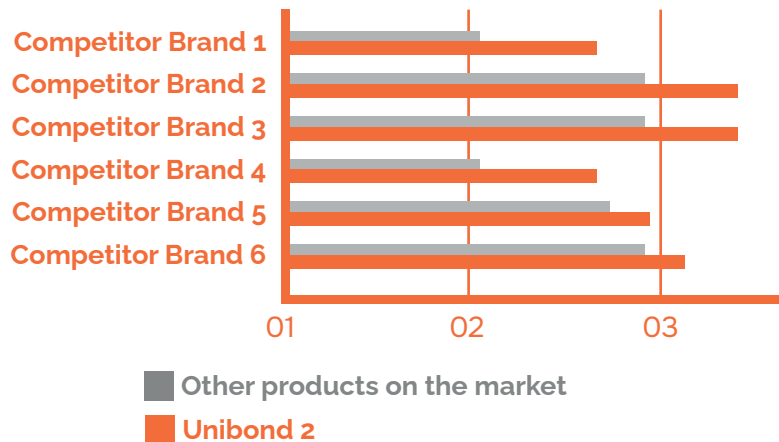
Does not evaporate.

Stable gel-like consistency for easy and precise application.



The advantage of using Unibond 2 is that it facilitates the chemical bonding process of the composite to dentine and enamel, preventing bacterial microleakage.

Microtensile bond strength



Unibond 2 is compatible with other well-known composite brands on the market, offering outstanding microtensile bond strength.

Dual Core Built

Dual-cure flowable composite for core build-ups and cementation of fibreglass posts. Large and high-volume reconstructions can be achieved in a short time.

High compressive strength, providing the desired stability under the crown.

Ideal flow for optimal adaptation.

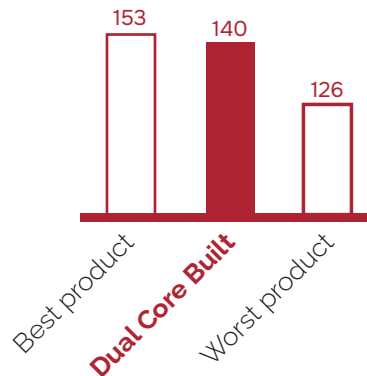
Hardness similar to dentine for precise final preparation of the core.

Highly radiopaque.

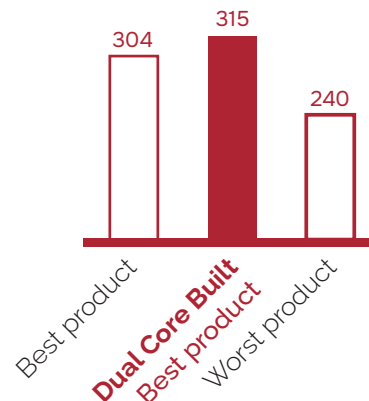
Optimal consistency for accurate dispensing.



Flexural strength
after dual curing



Compressive strength (MPa)



Seal

Light-curing resin for the prevention of caries through the sealing of pits and fissures.

Low viscosity ensures perfect sealing, even in the deepest pits.

White in colour to distinguish it from the natural tooth shade.

High wear resistance.

Contains fluoride.



Class 1 and 2:

We will apply **Flow** to fill it,
and then **Similux**.

+Resistant

Class 1 and 2



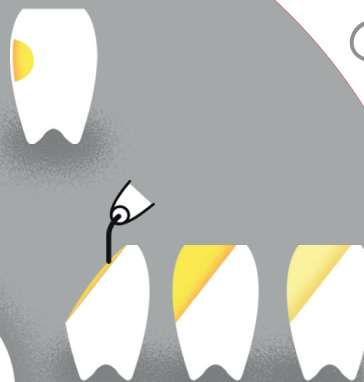
Class 3 and 4:

Nanolux.

Flow if necessary $> 4\text{ mm}$.

+Aesthetic

Class 3 and 5

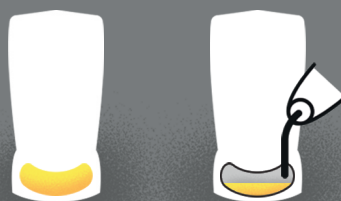


Class 5:

A little **Flow** if necessary,
and **Similux** $> 4\text{ mm}$.

+Resistant

Class 5



For all restorations: It is necessary to apply the etching gel followed by the adhesive.



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