## Related Products

### ventura seal

Pit and fissure sealant.

Ref: 1298

#### ventura etching gel

Ortophosphoric acid 37%.



Ref: 1694 - 6 ml - (2x3 ml) + 8 tips. 1695 - 12 ml - (4x3 ml) + 12 tips. 1697 - 10 ml - (1x10 ml) + 10 tips. 1700 - 26 ml - (2x10 ml + 2x3 ml) + 10 tips.

## ventura **brush**

Applicators.



Ref: 1309 - ventura brush blue 100 u. 1310 - ventura brush yellow 100 u.

#### ventura tips flow/gel

Gel and flow composite tips.





# ventura

# Part of millions of smiles all over the world

#### MORE THAN 15 MILLION RESTORATIONS PERFORMED WORLDWIDE

#### **PROVEN TO BE TRUSTED**

Ventura composites are the perfect combination of technology and ease-of-use.

The number of successful restorations performed shows the quality of **ventura** composites and their satisfactory clinical performance is confirmed by the clinical studies conducted.

Simple handling, colour accuracy and precise margins are key characteristics for achieving a good filling and, as a result, patient satisfaction.

Ventura composites comply with the very high outcome precision and handling requirements. These advantages can be seen from the studies conducted by the Universidad Internacional de Catalunya, the results of which demonstrate the high reliability of such composites.

#### SIMPLE AND EFFECTIVE COLOURING

More than 90% of restorations are performed using a single tone, mainly because this minimises the working time in the dental clinic.

To achieve the desired aesthetic effect, **ventura** composites provide the filling with a chameleon-type effect in which translucency, opalescence and fluorescence are key to ensure that the material reflects the tones of neighbouring natural teeth, resulting in simple and aesthetically attractive restorations.

> (\*) Source: Study carried out by The Universidad Internacional de Catalunya.



ventura dual core built

A fluid, dual-cure composite for core build-ups and post cementation. Large, high volume reconstructions can be achieved in a short period of time.

## Synergies in core build-ups:

- A similar modulus of elasticity to glass fibre posts. Chewing forces are absorbed equally, with no risk of fracture in the reconstruction.
- High flexural and compressive strength. Provides stability beneath the crown.
- Similar hardness to dentine.
- Allows an accurate final preparation of the grinding.
- ✓ Ideal fluidity.













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Provides long lasting restorations.

ventura dual core buil

V Optimal light transmission. Allows good and deep polymerisation to be achieved Radio-opaque.

Allows the tooth's natural structure to be clearly defined

### ORDERING AND PACKAGING

#### ventura nanolux Ref:

1160 - A1 - 4a: 1161 - A2 - 4a: 1162 - A3 - 4q; 1163 - A3,5 - 4q; 1204 - A4 - 4g; 1164 - B2 - 4g; 1165 - C2 - 4g; 1173 - A2 - 6g; 1174 - A3 - 6g; 1167 - Kit 7 s; 1168 - Intro Kit 4 s.



#### ventura similux

Ref: 1630 - A1 - 4g; 1631 - A2 - 4g; 1632 - A3 - 4q; 1633 - A3,5 - 4q; 1634 - A4 - 4g; 1636 - B2 - 4g; 1639 - C2 - 4g; 1643 -Kit 7 s; 1645 - Intro Kit 4 s.



#### ventura **flow**

Ref: 1594 - A1 - 3,4 g + 12 tips; 1595 - A2 - 3,4 g + 12 tips; 1596 - A3 - 3,4 g + 12 tips; 1597 - A3,5 - 3,4 g + 12 tips; 1599 - Kit 4 s.



#### ventura dual core built

#### Ref:

- 1956 Universal 5 ml + 10 endo tips + 10 mixing tips.
- 1950 ventura mixing tips DC 25 u. 1951 - ventura endo tips DC - 25 u.

ventura unibond2

Ref: 1816 - 5 ml.

## ventura unibond2

#### Single-component, solvent-free adhesive

A successful restoration often depends on the efficacy of the adhesive used and the correct application thereof. The less sensitive the product is to application errors and the fewer the steps required during the clinical process, the more predictable the result.

#### The solvents needed to adequately wet the tooth have been eliminated from the formula for ventura unibond 2 by adding a new oligomer specially synthesised for this purpose.

#### **Benefits of ventura unibond 2:**

- only requires application of a single layer.
- allows either wet or dry technique to be used without compromising adhesion or reliability.
- as it does not evaporate, it maintains a constant fluidity from the first to the last drop in each tube.
- e its gel-type consistency simplifies a precise application of th appropriate thickness based on clinical requirements.

#### The main advantage of using ventura unibond 2

is that it facilitates chemical bonding process of the composite to the dentine and enamel, thereby preventing bacterial microfiltration.





ventura unibond 2 is compatible with other well-known composites on the market and provides extraordinary microtensile bond strength.

#### Scotchbond1 XT

ventura unibond 2

(\*) Source: Study carried out by the Universidad Internacional de Catalunya.

# ventura **nanolux**

The universal light-curing nano-hybrid composite that creates excellent, high-quality anterior and posterior restorations.

#### Mean Ra values for the different composites

Surface roughness (polishing): after polishing, the restoration has a natural shine that helps enhance colour mimicry even further.





Colour stability: essential for ensuring long-term aesthetics and preventing discolouration.





(\*) Source: Study carried out by the Universidad Internacional de Catalunya.



# ventura **similux**

#### A light-curing microhybrid composite that provides everything required for long-lasting restora-

tions. Its more than 20 years on the market and ongoing demand make ventura similux an up to date composite that fulfills the requirements of both dental professionals and patients.

#### The following remarkable mechanical properties stand out:

Barcol hardness: clinically, this results in surfaces resistant to initial crackings in the fillings.





High compression resistance: means that ventura similux is ideal for class I and class II fillings.

#### MP 400 350 300 250 200 150 100 50 0 ventura similux Venus Tetric Herculite (Heraeus Kulzer) (Ivoclar Vivadent) (Kerr)

Surface roughness: after polishing, this is an essential characteristic for aesthetic restorations. 0.08 0.07 0.06 0.07 0.07 07 0,05 0.04 0,03 0,02 0,01



# ventura **flow**

#### A liquid light-curing composite with a lower shrinkage stress and volumetric shrinkage than the vast majority of composites.

During polymerization, all composite materials tend to shrink as the monomers become cross-linked and need less space/volume once the material has polymerized. Shrinkage stress during adhesion may affect margin quality. Consequently, polymerization shrinkage should be as low as possible. The use of **ventura flow** results in sealed margins, thereby preventing post-operative sensitivity, margin decolouration and secondary caries.



to premature polymerization.