

# Quadrant Universal LC

- Optimal light scattering through prismatic filling particles
- Natural fluorescence
- Perfect filling mix enriched with submicron particles
- Suitable for monolayering and multilayering technique
- BPA free

## Forgiving prismatic barium glass filling particles

The filler particles in Quadrant Universal Living Colors (QULC) are prismatic in shape. Incoming light is absorbed and scattered in all directions, equal to natural elements. Consequently, a QULC restoration is completely absorbed by the element and color differences are less critical. The result: natural and invisible restorations. The optimal light scattering often requires just 1 color composite (monolayer technique).

## Unique fluorescent pigment - natural and lively look

Quadrant Universal Living Colors contains a unique fluorescent pigment, equal to genuine tooth tissue. This gives restorations with QULC a natural and lively look.

Restoration Composite X

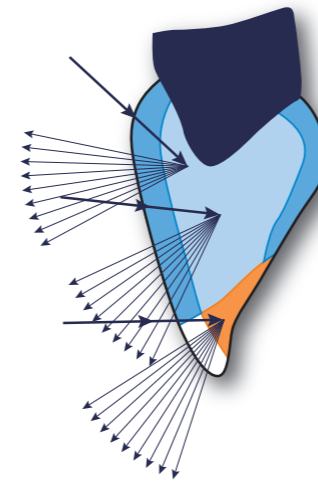


## Minimal change of color during polymerisation and color stability

By using only very pure, high quality pigments and monomers, QULC undergoes virtually no color change during polymerisation and long term color stability is guaranteed. The 11 QULC VITA colors are made by mixing just three very pure, high quality pigments. These pigments are premixed prior to adding to the base mix. Premixing of this small number of pigments makes the color extremely predictable and controllable, and prevents color differences in different production batches.

- Scientific information
  - Cases and examples
  - Protocols
- [www.cavexquadrant.com](http://www.cavexquadrant.com)

Restoration Quadrant Universal Living Colors



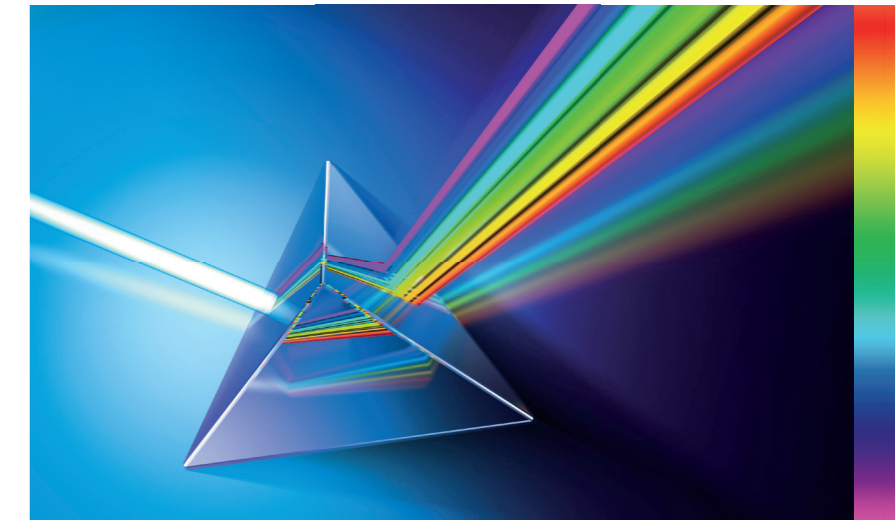
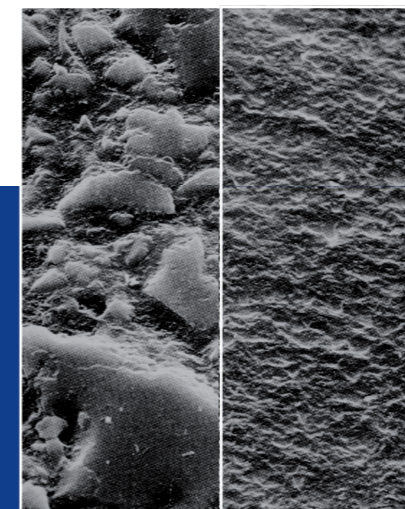
As with natural tooth tissue, QULC allows light through, which is subsequently scattered in all directions. Consequently, a QULC restoration is completely absorbed by the element and color differences are minimal

## Hybrid composite with submicron particles - very strong with high gloss polishability

4. Quadrant Universal Living Colors is a so-called hybrid composite, enriched with submicron particles, a mix of particles ranging from micro-fine to larger. The average particle size is 0.7µm. This unique composition makes QULC easy to squirt and very easy to process, with perfect wall adaptation. QULC is easy to mould, does not stick to instruments and has beautiful high gloss polishability.

QULC is filled with a balanced mix of barium glass and silica (8.55nm) particles. Barium glass has high polishability, is antagonist friendly and resistant to scale and discoloration. In addition, the prismatic shape of the barium glass gives it a unique refractive index, which is the basis for **the chameleon effect**. The silica particles (submicron particles) ensure optimum mechanical characteristics of QULC.

Barium glass is easy to process and no pot holes are created during polishing.  
The result: a smooth, shiny surface.



## A balanced color palette - easy color selection

Quadrant Universal Living Colors does not contain Bisphenol A (BPA)

Obvious choices were made in the composition of the QULC color palette. Due to the unique composition and strong chameleon effect of QULC, the palette of 11 VITA colors is sufficient for 99.9% of all restorations. The composite color chart makes the final color choice easy.



Indications: restoration classes: I, II, III, IV, V, and restorations of the milk teeth  
QULC colors: Enamel: A1 A2 A3 A3,5 A4 B2 B3 C2 C3.  
Dentine: OA2. Incisal: I



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