

# Lifelike appearance made easy

SR Nexco®

Light-curing  
composite



# Sophisticated physical properties

SR Nexco Pastes facilitate day-to-day work in the dental laboratory: They exhibit excellent optical properties and come in a wide variety of shades. The composite materials have versatile applications and therefore allow you to enjoy creative freedom.



SR Nexco features a well-balanced combination of physical properties. This is reflected in the material's excellent wear resistance, gloss and shade stability.



SR Nexco is suitable for fabricating framework-free and framework-supported restorative solutions as well as for the customization and characterization of PMMA materials.



SR Nexco is compatible with alloys, titanium and titanium alloys, zirconium oxide and PMMA-based materials, such as denture teeth and denture base materials, as well as with cross-linked PMMA materials, for example, Telio® CAD.



- ✓ High force-absorbing effect
- ✓ Excellent shade stability due to micro-opal fillers
- ✓ Opalescence, fluorescence and translucency corresponding to the dynamic light effects of natural teeth<sup>[1]</sup>
- ✓ Complete, reliable light cure with commercially available polymerization devices<sup>[2]</sup>

[1] Under natural light conditions. The use of LED-generated UV or UV-like light could result in different impressions.  
[2] With a broad light emission spectrum of 380-510 nm

# Lifelike restorations

SR Nexco has a high content of micro-opal fillers. As a result, the material's optical and esthetic properties are comparable to those of the natural model. The opalescence, fluorescence and translucency of the product correspond to the dynamic light effects of natural teeth.<sup>[1]</sup>



- ✓ Polymerization as usual
- ✓ Proper curing is a basic requirement for creating esthetic dental restorations of high quality. SR Nexco can be light cured with commercially available polymerization devices with a broad light emission spectrum of 380–510 nm.

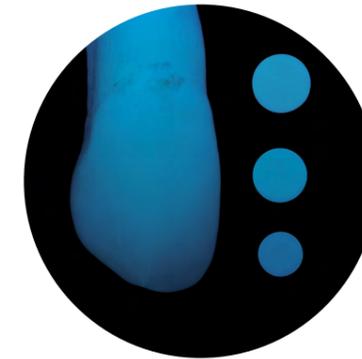
## Harmonious shade match in different light conditions

The opalescent and fluorescent characteristics of the material are very lifelike. A harmonious shade match can be achieved in different restorations and varying light conditions.

SR Nexco restoration in transmitted light



SR Nexco restoration in incident light



Volker Brosch, MDT, Germany

The optical properties of SR Nexco are best seen in transmitted light. The opalescent and translucent effects correspond to the dynamic light effects of natural teeth – from the tooth neck to the dentin and incisal areas.<sup>[2]</sup>

The fluorescence and luminosity of SR Nexco is clearly visible in incident light. These properties have a major influence on the appearance of the restoration: Fluorescence also has a significant effect on the brightness of natural teeth.

[1] Under natural light conditions. The use of LED-generated UV or UV-like light could result in different impressions.

# Multiple application possibilities

SR Nexco is suitable for fabricating restorative solutions with or without a framework.

Framework-free

#### Types of restorations

- ✓ inlays, onlays, veneers
- ✓ anterior crowns

Framework-supported

#### Layering of

- ✓ metal-supported frameworks (also digitally fabricated ones)
- ✓ zirconium oxide-supported frameworks (ZrO<sub>2</sub>)
- ✓ combination dentures (e.g. layering of telescope crowns)
- ✓ implant superstructures (partially removable)
- ✓ gingival portions (partially removable implant superstructures)
- ✓ model cast frameworks masked with SR Nexco Opaquer pink
- ✓ CAD/CAM-manufactured temporary restorations made of Telio® CAD (PMMA material)

#### Optimum bonding with SR Link

The composite adhesive SR Link mediates a strong bond. It can be used to condition both metal and zirconium oxide frameworks.



Domenico Vinci, Switzerland

#### Pink esthetics

The SR Nexco range comprises a comprehensive assortment of gingiva shades, which are suitable for recreating gum tissue.

#### Customization of denture teeth and denture base material

Denture teeth can be imparted with lifelike and individual features by applying slight modifications and special characteristics.



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