


INSTRUCTIONS


1

Etch tooth surface with Super Etch 37% phosphoric acid for 20 seconds




2

Wash thoroughly



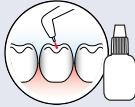
3

Remove excess water. Keep moist




4

Apply Stae to saturate all internal surfaces, or bonding agent according to manufacturer's instructions




5

Blow gently with dry, oil-free air for 2 seconds to evaporate solvent. Leave surface glossy



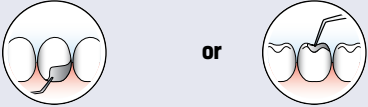
6

Light cure for 10 seconds



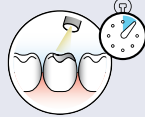
7

Place Luna in increments of 2mm or less in:  
Anterior restorations  
or  
Posterior restorations




8

Cure Luna for 20 seconds in increments of 2mm

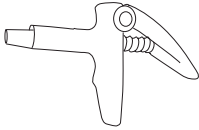
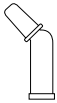
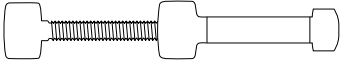


9

Polish and finish



ORDER DETAILS



SYRINGES

Luna 5 Syringe Intro Kit	8400116
5 x 4g Syringes	
[1 each - A1, A2, A3, A3.5, B1]	
2 x 2mL Super Etch Gel Syringes	
25 x Super Etch Disposable Tips	
1 x 5mL Stae Single Component Dentin/enamel adhesive	
1 x LUNA shade guide	
40 x Points, fine tip (white)	
2 x mixing well - dual	

COMPLETS

Luna Complet Intro Kt	8400122
60 x 0.25g Luna complets	
[10 each - A1, A2, A3, A3.5, OA2, bleach]	
2 x 2mL Super Etch Gel Syringes	
25 x Super Etch Disposable Tips	
1 x 5mL Stae Single Component Dentin/enamel adhesive	
1 x LUNA shade guide	
40 x Points, fine tip (white)	
1 x mixing well - dual	
1 x Complet applicator	

APPLICATORS

Premium Complet Applicator	5545022
Economical Complet Applicator	8100120


SDI

YOUR SMILE. OUR VISION.

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06-2019



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SDI

LUNA

ANTERIOR/POSTERIOR  
NANOHYBRID COMPOSITE

SUPERIOR  
STRENGTH &  
ESTHETICS

# SUPERIOR STRENGTH, SUPERIOR ESTHETICS

## NANOHYBRID TECHNOLOGY

Filler particle size effects the esthetic and mechanical properties of composites<sup>1</sup>. Luna contains a hybrid of nano and micron sized particles to achieve optimal esthetics and strength.

Nano particles assist in polishability and the maintenance of surface smoothness over time. Micron sized particles contribute to strength and durability. Luna's hybrid filler makes it ideal for anterior and posterior restorations.

## CHAMELEON EFFECT

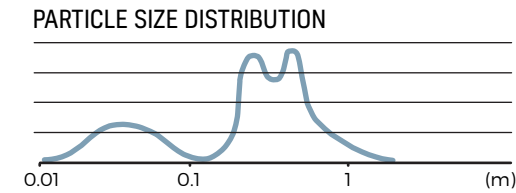
Luna displays a chameleon effect, enabling it to take on the shade of the tooth surrounding it and present a seamless margin between tooth and restoration.

Luna has an optimal translucency that allows the creation of natural looking restorations.

## NATURAL FLUORESCENCE AND OPALESCENCE

When exposed to ultraviolet light, Luna displays the fluorescent characteristics of natural tooth structure. Opalescent properties also match that of a natural tooth. In all types of light, restorations using Luna display intrinsic brilliance that ensures patient satisfaction after they leave the dental chair.

77%  
FILLER LOAD



13  
UNIVERSAL  
SHADES

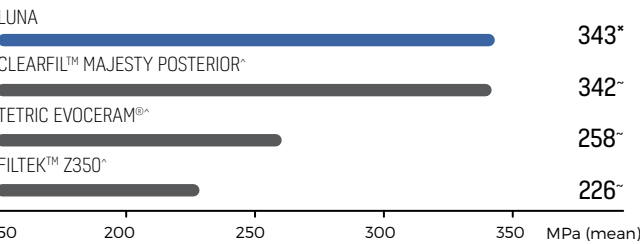


# SUPERIOR COMPRESSIVE STRENGTH

## SUPERIOR COMPRESSIVE STRENGTH

Luna has a filler load of 77% by weight. Strontium glass filler in combination with the carefully selected filler loading, delivers high compressive strength to enhance the longevity of restorations.

### COMPRESSIVE STRENGTH



\*SDI internal data  
^ Clearfil™ Majesty Posterior, Tetric EvoCeram®, Filtek™ Z350 are not the registered trademarks of SDI.  
~ C. Meenakumari et al (2018), 'Evaluation of Mechanical Properties of Newer Nanoposterior Restorative Resin Composites: An In Vitro Study', Contemporary Clinical Dentistry

## OPTIMAL RADIOPACITY

Restorative materials with radiopacity enable the detection of voids and secondary caries throughout the life of a restoration<sup>2</sup>. Luna has a radiopacity level higher than dentin<sup>3</sup>, ensuring clear visibility of restoration margins on radiographs for quick and confident diagnosis.

### KEY FEATURES

Nanohybrid technology for superior strength and esthetics
Chameleon effect
Natural fluorescence and opalescence
High flexural strength
Superior compressive strength
Non-stick to instruments
Optimal radiopacity
Extensive shade range

### TECHNICAL DATA

Filler load (total)	77% weight
Depth of cure (mm)	2
Compressive strength (MPa at 24 hours)	360
Flexural strength (MPa at 24 hours)	136
Volumetric shrinkage (%)	2.88
Radiopacity (%Al)	180

## NON-STICK TO INSTRUMENTS

Luna's non-stick handling facilitates the placement of restorations. Luna will not slump or pull back, enabling the efficient creation of optimal dental morphology.

Luna has a creamy consistency, with firm packing, making it easy to layer the composite without voids.

## EXTENSIVE SHADE RANGE

Luna is available in 13 universal shades [A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3].

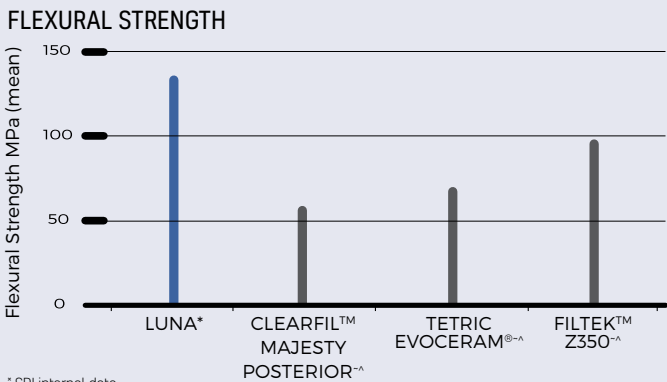
Luna is also available speciality shades:

- Dentin shades [OA2, OA3, OA3.5]
- Bleach shade
- Incisal shade

## HIGH FLEXURAL STRENGTH

High flexural strength is paramount to mitigate tension and compressive forces teeth are exposed to in stress bearing situations<sup>1</sup>.

Class I and Class II restorations are subject to high forces and require the use of materials with high flexural strength. With flexural strength of 136 MPa, Luna is ideal for use in stress bearing areas and is designed to withstand the forces of mastication.



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~ C. Meenakumari et al (2018), 'Evaluation of Mechanical Properties of Newer Nanoposterior restorative Resin Composites: An In Vitro Study', Contemporary Clinical Dentistry  
Samples prepared according to ISO 4049

1 Mustafa Gundogdu et al (2014), 'The Evaluation of Flexural Strength of Composite Resin Materials with and without Fibre', Dentistry Vol 4 Issue 9 1000259  
2 Bengi Oztas et al (2012), 'Radiopacity evaluation of composite restorative resins and bonding agents using digital and film x-ray systems', NCBI  
3 KM Lachowski et al (2013), 'Study of the radiopacity of base and liner dental materials using digital radiography system', DentoMaxilloFacial Radiology, NCBI