**INSTRUCTIONS**

1. Etch tooth surface with Super Etch 37% phosphoric acid for 20 seconds.
2. Wash thoroughly.
3. Remove excess water; soap moist.
4. Apply Super to saturate all internal surfaces, or bonding agent according to manufacturer’s instructions.
5. Blow gently with dry, oil-free air for 3 seconds to evaporate solvent. Leave surface glossy.
6. Light cure for 10 seconds.
7. Place Luna in increments of 2mm or less in.
8. Cure Luna for 20 seconds in increments of 2mm.

**ORDER DETAILS**

**SYRINGES**
- Luna S Syringe Intro Kit...
- Luna 5 Syringe Intro Kit...

**COMPLETS**
- Luna Complete Intro kit...
- Luna Complet Intro Kit...

**APPLICATORS**
- Premium Complet Applicator...
- Economical Complet Applicator...

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**SUPPLEMENTAL INFORMATION**

- Superior strength & aesthetics
- Apply Stae to saturate all internal surfaces, or bonding agent according to manufacturer’s instructions.
- Blow gently with dry, oil-free air for 3 seconds to evaporate solvent. Leave surface glossy.
- Place Luna in increments of 2mm or less in.
- Cure Luna for 20 seconds in increments of 2mm.
- Polish and finish.
SUPERIOR STRENGTH, SUPERIOR AESTHETICS

NANOHYBRID TECHNOLOGY
Filler particle size effects the aesthetic and mechanical properties of composites1. Luna contains a hybrid of nano and micron sized particles to achieve optimal aesthetics and strength. Nano particles assist in polishing ability 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.

HIGH FLEXURAL STRENGTH
High flexural strength is paramount to mitigate tension and compressive forces teeth are exposed to in stress bearing situations2. 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.

FLEXURAL 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


KEY FEATURES
Nanohybrid technology for superior strength and aesthetics
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) 343
Flexural strength (MPa at 24 hours) 136
Volumetric shrinkage (%) 2.88
Radiopacity (%Al) 180

PARTICLE SIZE DISTRIBUTION

13 UNIVERSAL SHADeS

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 in specialty shades:
- Dentine shades (D2, D3, D4)
- Bleach shade
- Incisal shade

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.

FLEXURAL STRENGTH (MPa)

LUNA* CLEARFILMAJESTY POSTERIORS* TETRICEVOCERAM® FILTEKZ350®
0 50 100 150 200 250 300 350 350

LUNA* CLEARFILMAJESTY POSTERIORS* TETRICEVOCERAM® FILTEKZ350®
150 200 250 300 350 400

*SDI internal data
^ Clearfil™ Majesty Posterior, Tetric EvoCeram®, Filtek™ Z350 are not the registered trademarks of SDI

Optimal radiopacity

Restorative materials with radiopacity enable the detection of voids and secondary caries throughout the life of a restoration.

Luna has a radiopacity level higher than dentine3, ensuring clear visibility of restoration margins on radiographs for quick and confident diagnosis.

*SDI internal data

FILLER LOAD
77%

PARTICLE SIZE DISTRIBUTION

0 0.01 0.1 1 (m)