LuxaCore® Dual

The core material that cuts and feels like dentin

Advantages

- Superior composite resin cures to a hardness and consistency comparable to healthy dentin, for easy, accurate cutting
- Choice of light cure or self cure enables flexible working time and guarantees a complete cure
- Easy-to-use, convenient Automix and Smartmix® dispensing systems
LuxaCore® Dual Core Material

Superior strength, flexible working time make it number one.

LuxaCore Dual has remained the number-one selling* dual-cure core build-up material because no other product offers its combination of high compressive strength, workability and convenience.

Exceptionally workable and cuttable.

LuxaCore Dual dispenses at a workable viscosity that enables direct placement without slumping. Then, it cures to a hardness and consistency comparable to healthy dentin, for exceptionally easy and accurate cutting. LuxaCore Dual eliminates the need for layering and permits bulk fill. It's also radiopaque and releases fluoride to help prevent secondary caries.

Choice of flexible curing options.

For maximum speed, you can light cure in as little as 20 seconds. Or, you can allow the material to self-cure for increased working time (see chart below).

Three different shades to meet your needs.

LuxaCore Dual is available in three shades: Natural (A3), for optimal esthetic results; Blue, which is easily distinguishable from tooth structure; and White, which provides the perfect balance of contrast and esthetics.

Physical Properties: LuxaCore® Dual

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Barium glass 69%, pyrog. silica 3% in a Bis-GMA based matrix of dental resins</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>1:1 base/catalyst</td>
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<tr>
<td>Working Time</td>
<td>1:30 minutes</td>
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<tr>
<td>Light-Cure Time</td>
<td>2 mm @ 20 seconds, 4 mm @ 40 seconds</td>
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<tr>
<td>Self-Cure Time</td>
<td>5 minutes</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>300 MPa</td>
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<tr>
<td>Transverse Strength</td>
<td>120 MPa</td>
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<tr>
<td>Diametrical Tensile Strength</td>
<td>60 MPa</td>
</tr>
<tr>
<td>Water Sorption</td>
<td>25 µg/mm³</td>
</tr>
</tbody>
</table>

Ordering Information: LuxaCore® Dual

212058 LuxaCore Automix Dual Intro Kit – Blue Shade (1-50 g Cartridge, 1 Type-25 Dispensing Gun, 35 Automix Tips and 35 Intraoral Tips)
212033 LuxaCore Automix Dual Intro Kit – Natural (A3) Shade (1-50 g Cartridge, 1 Type-25 Dispensing Gun, 35 Automix Tips and 35 Intraoral Tips)
212127 LuxaCore Automix Dual Intro Kit – White Shade (1-50 g Cartridge, 1 Type-25 Dispensing Gun, 35 Automix Tips and 35 Intraoral Tips)
212012 LuxaCore Automix Dual Refill – Blue Shade (1-50 g Cartridge, 35 Automix Tips and 35 Intraoral Tips)
212011 LuxaCore Automix Dual Refill – Natural (A3) Shade (1-50 g Cartridge, 35 Automix Tips and 35 Intraoral Tips)
212126 LuxaCore Automix Dual Refill – White Shade (1-50 g Cartridge, 35 Automix Tips and 35 Intraoral Tips)
110253 LuxaCore Automix Dual Dispensing Gun (1 Type-25 1:1 Gun)
110424 LuxaCore Automix Dual Tips and Intraoral Tips (Bag of 35 each)
212038 LuxaCore Smartmix Dual – Blue Shade (2-9 g Syringes, 10 Smartmix Tips and 10 Intraoral Tips)
212039 LuxaCore Smartmix Dual – Natural (A3) Shade (2-9 g Syringes, 10 Smartmix Tips and 10 Intraoral Tips)
212064 LuxaCore Smartmix Dual – White Shade (2-9 g Syringes, 10 Smartmix Tips and 10 Intraoral Tips)
212042 Smartmix Tips and Intraoral Tips (Bag of 50 each)

For more information, call us at 1-800-662-6383. To find out more about all of our innovative dental products, visit our website at www.dmg-america.com

DMG America
242 South Dean Street
Englewood, New Jersey 07631
P: 800-662-6383 • 201-894-5505
F: 201-894-0213 • www.dmg-america.com

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