Core Performance

Strength, confidence and security...from the core.
When performance counts...

**Count on MultiCore°.**

*Strength, confidence and security...from the core.*

MultiCore dual-curing core build-up material provides the optimum foundation for the reconstruction of vital and non-vital teeth. Three shades, two viscosities, and excellent physical properties enable MultiCore to provide the ultimate core performance for your core build up!

**MultiCore® HB**

Create individually sculpted composite cores with the high viscosity, sculptable MultiCore HB.

The non-slump consistency makes HB easy to mold and the non-sticky characteristic makes HB easy and fast to apply.

**MultiCore® Flow**

In clinical situations where a matrix can be utilized, the flowable consistency allows for fast, easy core build up.

MultiCore Flow is delivered in an auto-mix cartridge and provided with auto-mix and intra-oral mixing tips enabling precise application. Additionally, the low viscosity makes MultiCore Flow an excellent material for cementation of endodontic posts.

MultiCore HB provides the ability to model and sculpt while MultiCore Flow’s low viscosity consistency allows bulk placement reducing chair time. The choice for curing is yours!
**Dual-cure**

MultiCore is light-cured in 40 seconds or optically self-cured in 4-5 minutes.

**Physical Properties**

MultiCore has been developed utilizing Ivoclar Vivadent’s long-term clinical success with composite technology is reflected in products such as Tetric® and Heliomolar.*

<table>
<thead>
<tr>
<th></th>
<th>MultiCore® HB</th>
<th>MultiCore® Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexural Strength (MPa)</td>
<td>140</td>
<td>135</td>
</tr>
<tr>
<td>Flexural Modulus (MPa)</td>
<td>18,000</td>
<td>8,000</td>
</tr>
<tr>
<td>Compressive Strength (MPa)</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Vickers Hardness (MPa)</td>
<td>800</td>
<td>450</td>
</tr>
<tr>
<td>Radiopacity (% AL)</td>
<td>300</td>
<td>450</td>
</tr>
<tr>
<td>Water Adsorption (µg/mm³)</td>
<td>14.5</td>
<td>25</td>
</tr>
<tr>
<td>Solubility in Water (µg/mm³)</td>
<td>3.0</td>
<td>2.5</td>
</tr>
<tr>
<td>Working Time at 37°C (seconds)</td>
<td>90-120</td>
<td>90-120</td>
</tr>
</tbody>
</table>

**Three Shades**

MultiCore is available in three shades, light (A1), medium (A3), and blue. Three shades enable the creation of a solid basis for all types of restorations – metal, and metal-free.
MultiCore Flow Cartridge Refills

Contents:
1 - MultiCore Flow cartridge (50 g)
20 - Mixing Tips
20 - Intra Oral Tips
1 - MultiCore Flow Chart
1 - MultiCore Instructions for Use

578913 - Light
578914 - Medium
578915 - Blue

579096 - MultiCore Flow Mixing Tip Refill (50 tips)
579095 - MultiCore Flow Intra Oral Tip Refill (50 tips)

MultiCore Flow Syringe Refills

Contents:
1 - MultiCore Flow syringe (10 g)
20 - Mixing Tips
20 - Intra Oral Tips
1 - MultiCore Flow Chart
1 - MultiCore Instructions for Use

604166 - Light
604167 - Medium
604168 - Blue

604209 - MultiCore Flow Syringe Mixing Tip Refill (10 tips)
604210 - MultiCore Flow Syringe Intra Oral Mixing Tip Refill (10 tips)
579094 - MultiCore Dispenser Refills

MultiCore HB Refill

Contents:
2 - Syringes (4g) MultiCore HB Base
2 - Syringes (4g) MultiCore HB Catalyst
1 - Polyart-Mixing Pad (50x70mm)
5 - Spatulas, green

578919 - Light
578920 - Medium
578921 - Blue