glacier
ANTERIOR / POSTERIOR MICRO-HYBRID COMPOSITE

MIKRO-HYBRID KOMPOSIT FÜR FRONT-UND SEITENZAHN
COMPÓSITO MICRO-HÍBRIDO PARA USO ANTERIOR / POSTERIOR
COMPOSITE MICROHIBRIDO ANTERIOR POSTERIOR
COMPOSITE MICRO-HYBRIDE ANTÉRIEUR / POSTÉRIEUR
COMPOSITO MICRO-IBRIDO PER RESTAURI ANTERIORI E POSTERIORI
KOMOZYT MIKROHYBRYDOWY TYPU ANTERIOR/POSTERIOR
HYBRIDNÍ KOMPOZIT PRO ANTERIORNÍ / POSTERIORNÍ ÚSEK
MIKRO-HYBRIDNÝ ANTERIOR / POSTERIOR KOMPOZIT

前牙区／后牙区微粒填料复合树脂
Significantly less shrinkage
Glacier exhibits the lowest polymerization shrinkage of 1.5%. Glacier utilises longer resin chains with fewer monomer links to reduce shrinkage. Less links equate to less shrinkage. Lower shrinkage minimises sensitivity and microleakage; an effective seal against microleakage decreases the potential for secondary caries development.

Mean particle size
Glacier’s particle size distribution, with a mean size of 0.7 microns, optimizes wear resistance and polishability for anterior and posterior restorations.

<table>
<thead>
<tr>
<th>Composites</th>
<th>Microns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glacier</td>
<td>0.7</td>
</tr>
<tr>
<td>Z100*</td>
<td>1.2</td>
</tr>
<tr>
<td>Prodigy*</td>
<td>1.5</td>
</tr>
<tr>
<td>Charisma*</td>
<td>1.8</td>
</tr>
<tr>
<td>Tetric* Tetric Ceram*</td>
<td>2.1</td>
</tr>
<tr>
<td>Prodigy*</td>
<td>2.4</td>
</tr>
<tr>
<td>Herculite XRV*</td>
<td>2.7</td>
</tr>
<tr>
<td>TPH*</td>
<td>3.0</td>
</tr>
</tbody>
</table>
Compressive strength
Glacier’s optimum filler level maximises strength, and minimises wear and shrinkage. Glacier’s compressive strength of 375 MPa enhances longevity by withstanding mastication forces.

Bond strength
Stae, a fluoride releasing single component bonding agent, exhibits uniform bonding to the tooth structure with no gaps or voids visible within the hybrid layer.

Dentist Advisor rating
Glacier 91% approval rating.
‘Consultants who used Glacier initially continued to use it and noted that it was as good as or better than the material they previously used.’
‘Nice esthetics.’

Indications
- Anterior restorations
- Posterior restorations
- Veneers
- Inlays/Onlays
- Core build up
- Class I, II, III, IV, V

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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 Glacier in increments of 2mm or less in:
   7.1 Anterior restorations
   7.2 Posterior restorations
8. Cure Glacier for 20 seconds in increments of 2mm
9. Polish and finish
**Prodigy Condensable, Surefi l, Z250, Z100, Charisma, Tetric, Tetric Ceram, Prodigy, Hercules XRV, TPH, Heliomolar, Single Bond, Optibond Solo, One Step and Bond-1 are not the registered trademarks of SDI Limited.**

**Source - Published and SDI test data.**


(4) Duke E.S., DDS, MSD, (1997). Ultrastructural and physical property studies of Stae single component adhesive system. The University of Texas Health Science Center, San Antonio, USA.


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### Glacier Complet Introductory Kit

60 x 0.25g Glacier composites

- Enamel: A2, A3, A3.5, B4, C4, D3 - 10 each
- 2 x 2mL Super Etch syringes
- 5mL Stae Single Component
- 25 Super Etch disposable tips
- SDI compleat applicator accessories

Reorder 7030001

### Glacier 10 Syringe Kit

10 x 4g Glacier syringes

- Enamel: A1, A2, A3, A3.5, B1, B3, C2
- Dentin: OB4, OC4 and OD3
- 2 x 5mL Stae Single Component
- 4g composite Polishing Paste
- 2mL Super Etch syringe
- 25 Super Etch disposable tips
- accessories

Reorder 7000002

### Glacier 5 Syringe Kit

5 x 4g Glacier syringes

- Enamel: A2, A3, A3.5, B2, C2
- 2 x 5mL Stae bottles
- 10mL Etchant gel bottle
- accessories

Reorder 7000005

### Stae Kit

- 1 x 5mL Stae fluoride releasing single component dentin/enamel adhesive
- 2 x 2mL Super Etch syringes
- 25 Super Etch disposable tips
- accessories

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