Meron

RADIOPAQUE GLASS Ionomer Luting Cement
Meron

THE CLASSIC CHOICE FOR CONVENTIONAL LUTING

Glass ionomer cements have long been used for indications in the areas of filling and luting. Their application is quick and straightforward, and the result is excellent in every way for both patient and dentist. For example, there are no known cases of postoperative sensitivities occurring after application of Meron luting cement. Meron in its long-trusted powder / liquid combination is used for luting millions of times every year. This material has been further improved and is now available in new convenient application capsules.

Meron in the new application capsule makes luting metal or all-ceramic crowns, bridges, inlays and onlays quick and reliable, whether on natural dental hard substance or on implant abutments. Meron can also be used to lute metal root posts and metal post core build-ups, prefabricated steel crowns, and orthodontic bands.

The trusted luting cement Meron offers a number of benefits which are of particular importance in daily working practice. When being applied the material flows and provides optimal wetting of the restorations inner surfaces, but during transfer to the oral cavity it is firm and stable. This simplifies working processes, particularly in mandibular areas. A film thickness of just 16 μm means that the fit of the restoration remains precise. Removal of excess material is simple. It is easy to lift off with a probe, etc., during the setting phase. Moreover, Meron is radiopaque and has a high level of translucency, which aids the natural appearance of all-ceramic restorations.

Compared to competitive products, Meron in the new application capsule shows the greatest level of fluoride ion release from day one onwards.

Technical data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Film thickness</td>
<td>16 μm</td>
</tr>
<tr>
<td>Radiopacity</td>
<td>200 % Al</td>
</tr>
<tr>
<td>Extractable amount</td>
<td>approx. 400 mg</td>
</tr>
<tr>
<td>Working time</td>
<td>3 min. (23 °C)</td>
</tr>
<tr>
<td>Setting time</td>
<td>3 - 5 min. (37 °C)</td>
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</tbody>
</table>

Fluoride ion release

Translucency

Compared to competitive products, Meron in the new application capsule shows the greatest level of fluoride ion release from day one onwards.
Thanks to VOCO’s new application capsule, application is simple, practical and no longer requires the use of an activator device. The capsule is simply placed on a firm surface (e.g. a table) and pushed down by hand to slide the coloured flask containing the liquid into the powder chamber. This combines the powder and the liquid and is followed by conventional mixing using a capsule mixer. The application nozzle is then turned upwards, and the capsule is immediately ready for use once placed in any commercially available applicator.

The available amount of Meron contained in each capsule, i.e. 400 mg approximately, is exactly the right amount when compared to other glass ionomer luting cements, comfortably luting even large restorations while still leaving some excess material. A sufficiently large amount available per capsule ensures stress-free working. Several capsules are required per restoration when using capsules with a lower content. This also means that, while the material from the first capsule is already setting, the next capsule is still being mixed. Luting is faster and more reliable with a sufficiently large amount available per capsule.

![Graph showing extractable amount of different cements](image)
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RADIOPAQUE GLASS IonomER LUTING CEMENT

Indications
- Luting of metal-based crowns, bridges, inlays and onlays
- Luting of high-strength all-ceramic crowns and bridges
- Luting of metal-based and high-strength all-ceramic crowns and bridges on implant abutments
- Luting of metal root posts or indirect metal post core build-ups
- Luting of prefabricated steel crowns
- Luting of orthodontic bands

Advantages
- Sizeable amount available per capsule – also suitable for large restorations
- Excellent wetting properties
- Stable
- Low film thickness
- High level of translucency for aesthetic results
- Simple removal of excess material
- Continuous release of fluoride
- No known postoperative sensitivities

Presentation
- REF 1242  Application capsule 50 pcs.
- REF 1243  Application capsule 150 pcs.
- REF 1086  Set powder / liquid (35 g / 15 ml)
- REF 1090  Set mini powder / liquid (15 g / 7 ml)
- REF 2331  Applicator – AC type 1

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