ICX-ROYAL®
The complete system for implant-supported dentures.
„By dental technician for dental technician.“

THE NEW ICX-ROYAL® CLASS IN MODERN DENTAL TECHNOLOGY.

ICX-ROYAL CREATES THE SYMBIOSIS BETWEEN THE CONVENTIONAL, MODERN MATERIALS AND THE RESULTS OF THE MODERN, DIGITAL IMPLANT WORLD.

Service-Tel.: +49 (0)2641 9110-0 · www.medentis.de
Mon-Fri: 7.30 to 7 pm
ICX-ROYAL® offers excellent aesthetics!

All implant-supported dental restorations are subject particularly high loads. Conventional, proven synthetic materials have been developed for dental prostheses on natural teeth. Due to the resilience of natural teeth, the chewing forces and shear stresses acting on natural tooth stumps are significantly lower than the forces acting on implant-supported dentures. Therefore the many materials are often only conditionally particularly suitable for implant-supported dentures.

Our ICX-ROYAL system has been specially developed on the basis of experience gained in recent years with regard to the time conversion to digital implant technology. ICX-ROYAL creates the symbiosis between conventional, modern materials and the results of the modern digital implant world.

The new ICX-ROYAL system offers you a wide range of dental materials that come from a single source and are coordinated with each other to produce high-quality dental restorations in an economically time-saving manner. From primer to opaquer, luting materials up to the ICX-ROYAL dentine, from new Flow Composites.

In comparison to ordinary dentin materials, these offer better resistance to mechanical wear and tear on implant-supported work. In developing the material we followed the latest guidelines and chemical findings. ICX-ROYAL Flow Composites are manufactured from the latest pre-crosslinked polymer, which consists of a matrix of inorganic nano- and micro-fillers will be strengthened.

Compared to conventional acrylic, the new ICX-ROYAL material improved resistance to mechanical wear, higher hardness with unchanged elasticity, good resistance against plaque adhesion, colour stability, excellent polishing properties and perfect adhesion to denture material through controlled use of silanized composite particles.

Benefit from the experience of our medentis medical employees and work with our ICX-ROYAL concept. Save time in your product search - from dental technicians for dental technicians - ICX-ROYAL offers you everything.

ICX-ROYAL® - can be used for all systems. With the original prosthetics, ICX-Royal® can be used for example for Straumann®, Nobel Biocare® or Dentsply Sirona®.

The products/brands mentioned with ® are registered brand names and/or trademarks of the respective manufacturer.
THE BENEFITS FOR YOUR PATIENTS:
- Microelasticity of the dental prosthesis
- Reduced volume of the denture/dimension of the own tooth row
- Freedom of the palate - No impairment of the sense of flavor
- APF: Aesthetics - Phonetics - Function in perfection
- Sustainable, always repairable - easy to maintain
- Biocompatible dentures - Inexpensive dentures

ICX-ROYAL® – Materials

1. RYL-040-000425
   ICX-ROYAL Metal Primer
   5ml
   Primer for metal
   Primer for indirect restorations in precious and non-precious metals. Metal Primer strengthens the adhesion of methacrylate-based dental materials (light-, self- and dual-curing) to metal surfaces.

2. RYL-040-L00611
   ICX-ROYAL Opaquer-L(iquid)
   5ml
   Opaquer / Liquid
   A light- and heat-curing opaquer liquid for opaquer-P and opaquer-G with excellent masking properties.

3. RYL-040-A30611
   ICX-ROYAL Opaquer-P(owder)
   3g
   Opaquer / A3
   A light- and heat-curing opaquer with excellent masking properties.

4. RYL-040-G10611
   ICX-ROYAL Opaquer-G(ingiva)
   3g
   Opaquer / Gingiva
   A light- and heat-curing opaquer with excellent masking properties.

5. RYL-040-P00305
   ICX-ROYAL Glace-P(raxis)
   3ml
   light-curing resin in practice
   A light-curing acrylic-based resin for crown and bridge technique for extra- and intraoral use. Free from methyl methacrylate.

6. RYL-040-L00305
   ICX-ROYAL Glaze-Lab(or)
   30ml
   Light-curing resin for the laboratory
   A light-curing acrylic-based resin for the crown and bridge technique. Free from methyl methacrylate.
ICX-ROYAL® – Materials

1. ICX-ROYAL PMMA Primer
   - 2.5ml Primer for PMMA
   - A light-curing primer for PMMA cold and hot polymers and for resin denture teeth before veneering with light-curing composites. PMMA Prime is for extraoral use only.

2. ICX-ROYAL Glace-P(raxis)
   - 3ml light-curing resin
   - in practice
   - A light-curing acrylic-based resin for crown and bridge technique for extra- and intraoral use. Free from methyl methacrylate.

3. ICX-ROYAL Base Minimix
   - 5ml Composite in Minimix cartridge
   - A dual-curing, flowable, tooth-coloured composite with excellent thixotropy for the attachment of acrylic teeth to metal, Peek and Pekkon® bases.
ICX-Royal Dentin, Incisal and Gingiva are highly aesthetic FLOW composite materials. They can be modeled quickly and excellently. The ability to polish to a durable high gloss and the opal essence are an asset to the aesthetic, modern dental technique due to their excellent physical and handling properties.

These new ICX-Royal FLOW products are universal, light-curing composites that are ideally suited for anterior and posterior restorations due to their low shrinkage and high mechanical strength.
ICX-ROYAL® – Kits

1. RYL-041-KIT002
   ICX-ROYAL Starter Kit

2. RYL-041-KIT001
   ICX-ROYAL Professional Kit

ICX-ROYAL® – Accessories

1. RYL-015-000G20
   ICX-Royal Needle Tips

2. RYL-015-Ph0010
   ICX-ROYAL Brush Holder incl. 10pcs. ICX-Royal Brush Tips

3. RYL-015-DB0050
   ICX-ROYAL Thimble Cup
<table>
<thead>
<tr>
<th>Item number</th>
<th>Article</th>
<th>Dimensions</th>
<th>Material</th>
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<tbody>
<tr>
<td>C-003-000005</td>
<td>ICX-multi protection cap</td>
<td>Ø 4.8 L = 4.6mm</td>
<td>Titanium</td>
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<td>C-004-995461</td>
<td>ICX-ROYAL Occlusion registration cap</td>
<td>5.4mm L = 6mm</td>
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<td>C-005-04003</td>
<td>ICX-ROYAL Impression Cap, round</td>
<td>Ø 9.7 L = 5.9mm</td>
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<tr>
<td>C-005-04004</td>
<td>ICX-ROYAL Impression Cap, narrow</td>
<td>Ø 9.7 / Ø 9.58 L = 5.9mm</td>
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<tr>
<td>C-005-07004</td>
<td>ICX-ROYAL Impression posts, closed incl. impression cap, round</td>
<td>L = 8mm incl. Kappe</td>
<td>Titanium</td>
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<tr>
<td>C-005-07006</td>
<td>ICX-ROYAL Impression posts, closed incl. impression cap, narrow</td>
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<td>C-006-010007</td>
<td>ICX-multi model analog short, CAD/CAM</td>
<td>L = 11mm K 2.2mm</td>
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<td>C-020-955120</td>
<td>ICX-ROYAL Welding structure</td>
<td>4.8mm L = 12mm incl. cap</td>
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<td>C-020-955121</td>
<td>ICX-ROYAL Welding structure</td>
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<td>C-020-955122</td>
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<td>C-029-002010</td>
<td>ICX-multi prosthetic abutment CoCr Biodur CCM/BC NEM castable</td>
<td>Ø 4.8mm L = 7mm</td>
<td>CoCr Biodur CCM/BC</td>
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<td>C-029-002011</td>
<td>ICX-multi adhesive base (for bars and plastic veneer bridges)</td>
<td>Ø 4.8 L = 5.5mm</td>
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<td>C-029-002011</td>
<td>ICX-multi adhesive base GH 0mm, (for ceramic veneering bridges)</td>
<td>Ø 5.4mm, L = 5.5mm</td>
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<tr>
<td>C-030-000010</td>
<td>ICX-multi Scan Cap</td>
<td>L = 12.5mm B = 4.5mm T = 6.5mm</td>
<td>Peek</td>
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<td>C-015-100030</td>
<td>ICX-multi hexagonal instrument SW 1.2mm medium</td>
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<td>C-020-000001</td>
<td>ICX-multi insertion instrument SW 3.2mm for straight multi-bodies</td>
<td>SW 3.2mm</td>
<td>Stainless steel</td>
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</table>
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ICX – Cements

1. C-050-000124
   ICX-Flow Cem
   5ml

   Dual-curing composite cement
   A dual-curing composite cement for the luting of inlays, onlays, crowns, bridges and veneers. A permanent connection between superstructures made of metal, plastic, Peek and Pekkon® can be created with abutments.

2. C-050-000867
   ICX-Implant Fix
   5ml

   Semi-permanent luting cement
   Dual-curing, semi-permanent luting cement based on multifunctional methacrylates. ICX-Implant Fix is used to fix implant-supported crowns and bridges. The material shows good elastic properties and seals well due to a slight, controlled expansion.
## ICX CEMENTS

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<tr>
<td>C-050-000124</td>
<td>ICX FLOW CEM, dual-curing composite cement</td>
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<tr>
<td>C-050-000867</td>
<td>ICX IMPLANT FIX, semi-permanent luting cement</td>
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<td>ICX-Royal Glace-(\text{p})ractice)</td>
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<td>ICX-Royal PMMA Primer</td>
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<td>RYL-040-A00127</td>
<td>ICX-Royal Base Automix</td>
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<td>ICX-Royal Base Minimix</td>
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*All prices in Euro plus VAT, until revoked (as of 01.04.19)
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SAVE TIME IN YOUR PRODUCT SEARCH
- BY DENTAL TECHNICIAN FOR DENTAL TECHNICIAN -
WITH ICX-ROYAL® YOU GET EVERYTHING FROM ONE SOURCE!