Introducing the only machinable block that mimics the tooth’s natural enamel-layered-over-dentin design for anterior aesthetics that look just like natural teeth. Custom positioning in the CEREC® software allows a nearly infinite choice of 3-dimensional placement for amazing individual effects. While the extreme aesthetic possibilities may be new, VITABLOCS RealLife benefit from being composed of the same fine-structure feldspar ceramic found in highly successful VITABLOCS Mark II (proven over 25 years in millions of cases) making RealLife the perfect combination of proven longevity and new technology.

Indications:
- Full and partial anterior crowns
- Veneers
- Premolar and molar crowns possible

Advantages:
- First CAD/CAM machinable ceramic blocks to offer 3-dimensional aesthetics, utilising the latest Sirona software solution
- Fast, simple and natural chairside anterior restorations
- More accurate and detailed simulation of natural tooth structure and aesthetics
- Design flexibility with movement in all three spatial directions
- Position of the restoration in the block can be changed with the software at will to reproduce the shade effect in regard to translucency, chroma, and lightness
- Eliminates the need for characterising with stains or individualising with layered veneering materials
- Maximises the potential of CAD/CAM technology
- Made of VITABLOCS fine-structure feldspar ceramic, clinically proven millions of times over 25 years

Disadvantages:
- Can be a more expensive option compared to other materials
**For the laboratory**

**What to send:**
To receive a VITABLOCS restoration the laboratory will require you to send a digitally designed file from an open or affiliated scanner software with reference to shade to be completed and any special requirements clearly noted. Core3dcentres® can give you advice on the best scanners currently available and guide your first steps into the digital workflow. Traditional impressions can also be accepted with an upper and lower model with bite registration with clear instructions of what has to be manufactured and the appropriate shade.

**What you need to do to complete:**
The shade of VITABLOC restorations can be easily characterised (staining technique) with the special VITABLOC (polymerisation) then the surface is sealed with a special varnish. For this purpose, the special VITABLOC, including 6 shades and accessories, is available.

**Fine tuning the restoration:**
Do not rework VITABLOC restorations using carbide instruments since these instruments may damage the material. Use only diamond-coated milling tools or special polishers. When reworking, use water and exert only slight pressure.

**How to promote:**
Core3dcentres provides both bespoke brochures and generic printed brochures on our full product range. This will help you inform your customers of the new cutting edge restorations you provide. Get in touch with your local Core3dcentres today to find out more. Your Core3dcentres are here to help and advise you on the restorations we provide. Please contact us for up to date advice on techniques, materials and best practice. If you find a better way to work with the products we provide please tell us as we are always willing to listen and learn from our customers experiences.

For more detailed information please contact us at www.core3dcentres.com.

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**For the clinician**

**How to prepare the tooth for a VITABLOC Restoration:**

**Preparation guides for Anterior Crowns**

- Preparation guides for Veneers
- Preparation guides for Premolar Crowns

**What to use to attach to natural tooth:**
We recommend adhesive bonding for Veneers, Inlays, Onlays and partial crowns. Anterior and posterior crowns can be both bonded using self-adhesive and adhesive bonding materials. With adhesive bonding, the bond is created between the adhesive material and the restoration or the adhesive material and the hard tooth substance by chemical bonding or micromechanical retention. Retentive preparation is not required due to chemical bonding or micromechanical retention. To achieve bonding to the dentine or enamel, special adhesive systems are used on the prepared tooth depending on the selected bonding material. Adhesive bonding increases the total strength of the seated all ceramic restorations.

**Self-adhesive bonding:**
Special pre-treatment of the hard tooth substance is not required for self-adhesive bonding since the bonding material features self-etching properties to the tooth, but not to the restoration. To achieve adequate adhesive forces, retentive preparation is recommended since adhesion of the restoration is only partly achieved by micro mechanical or chemical bonding.

**How to adjust if required:**
As this restoration is digitally created and manufactured adjustments should be minimal if well designed. However this may occur due to inaccuracies in the impression and bite registration. Should this be required a high speed hand piece with a diamond cutter should be used with water spray to reduce over heating of the restoration. Most importantly the restoration should be re-polished in areas of adjustment with a rubber wheel to reduce wear on opposing dentition. Your local Core3dcentre can provide an adjustment kit for this purpose.

**Conclusion:**
Your local Core3dcentre is here to help and advise you. Please contact us for up to date advice on techniques, materials and best practices. If you find a better way to work with the products we provide please tell us as we are always willing to listen and learn from our customers experiences.