



Grandio® Core Dual Cure

FLOWABLE, DUAL-CURING NANO-HYBRID CORE
BUILD-UP MATERIAL



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GRANDIO® EXPERTISE FOR CORE BUILD-UPS

Grandio Core Dual Cure is the latest member of the successful Grandio family. The range of indications covers adhesive core build-up and luting of root posts. Grandio Core Dual Cure is the first product in the Grandio product portfolio that is chemically curing as well as being photopolymerisable. This property is essential for the application in the root canal, where photopolymerisation is not possible.

In connection with the appropriate adhesives, modern composites can even be used to build-up also teeth that have lost a large amount of substance, even in case of complete loss of the clinical crown.

The demands on the materials being used, are high. They must

- bond securely to the dental hard tissue
- bond securely to the root post
- show dentin-like hardness
- behave like the natural tooth under stress
- be dual curing for the application in the root canal
- have a high radiopacity (365 %Al equivalent)

Grandio Core Dual Cure is equipped with the same nanotechnology employed for Grandio and GrandioSO. The high filler content of 77 % which results from the use of functionalised nanoparticles, is also important for the high strength of Grandio Core Dual Cure and its resistance to oral conditions. The practical application of build-up material is essential, especially in the molar area: Mixing tips with fine, angled heads and the ergonomic shape of the QuickMix syringe allow access also to the more difficult to reach cavities. The QuickMix syringe can reach and thus build-up as far as the drill has reached. Grandio Core Dual Cure is available in three shades: dentine, blue and white. It can thus be used under very translucent restorations and also, for example in case of deep subgingival preparations, where a distinct contrast to the dental hard tissue is required. Grandio Core Dual Cure: Grandio expertise for adhesive core build-up.



High loss of substance in the anterior area after excavation



Condition after build-up with Grandio Core Dual Cure, ready for impression



Final restoration

Source: Dr. Walter Denner, Fulda / Germany

Presentation

- REF 1910 QuickMix syringe 10 g dentine, accessories
- REF 1911 QuickMix syringe 10 g blue, accessories
- REF 1912 QuickMix syringe 10 g white, accessories
- REF 2261 Dispenser – QuickMix
- REF 2191 Mixing tips type 11 for QuickMix syringe, 50 pcs.
- REF 2142 Intraoral tips type 4 for QuickMix syringe, 50 pcs.

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