cerabone®

The natural bovine bone graft

Origin: bovine, natural cancellous bone
Composition: pure bone mineral
Sizes: small granules / large granules
Biology: osseous cellular integration, long term volume stability

CE mark approval: since 2002

Rev.-Nr.: CBIen-01/2018-02
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**Nonetheless, the natural porosity and surface structure of the bone**

The unique patented production process of cerabone® includes several

**Purity & safety**

The natural bovine bone graft cerabone® and pure biologic bone apatite free from organic components2. Including potential bacteria, viruses and prions 1. Heating creates a crystalline high temperature treatments. This reliably removes all organic components while making it 100% safe.

**Bio-physical characteristics**

**What is heating?**

In general, heating describes high temperature treatment of a certain material. For cerabone®, a unique manufacturing process. By this means, cerabone®

**What is crystallinity?**

High temperature treatment of bovine bone increases its crystallinity4,2, which makes cerabone® resistant to bacterial action allowing a long-term space for new bone matrix.

**Cell adhesion & migration**

cell adhesion & migration of osteogenic and blood vessel-forming cells. provides an appropriate scaffold for adherence and migration of osteogenic and blood vessel-forming cells.

**Surface roughness & osteoconductivity**

The inherent natural rough surface is preserved following the unique patented production procedure. By this means, cerabone® provides an appropriate scaffold for adherence and migration of osteogenic and blood vessel-forming cells.

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