

**SYNTHETIC
RESORBABLE
BONE GRAFT
SUBSTITUTES**

IXOBONE[®]

**HA/TCP
PASTE
PUTTY**

Veterinary Bone Graft Substitutes

BIOMIMETIC | READY TO USE | EXCELLENT HANDLING



VET

exabone
The Swiss Bone Architect

IXOBONE[®] HA/TCP

Engineered biomimetic architecture

IXOBONE HA/TCP is a next generation synthetic biphasic biomaterial with optimised characteristics, matching the internal structure of healthy animal cancellous bone.

Advanced manufacturing technology leads to unique specifications




Ideal porosity to strength ratio supports osteoconduction, providing excellent surgical outcomes. Optimised handling with high integral strength and structural cohesion.

Strength: 5.5 to 7.5 MPa
Porosity: 81%
Pore Size: 200 to 800 um
Microporosity: 1-10 um



Granules/Discs/Blocks/Wedges

IXOBONE[®] HA/TCP product range

DISCS 	BLOCKS 	WEDGES $W \times L \times H'$ 	GRANULES (1-4mm)	
V06050005 D=5mm H=5mm	V04051010 5mm x 10mm x 10mm	V07000101 15 x 20 x 6 x 4	V07000401 30 x 30 x 6 x 3	V01000025 2.5cc
V06050010 D=5mm H=10mm	V04051020 5mm x 10mm x 20mm	V07000102 15 x 20 x 8 x 6	V07000402 30 x 30 x 8 x 4	V01000050 5cc
V06060015 D=6mm H=15mm	V04051030 5mm x 10mm x 30mm	V07000103 15 x 20 x 10 x 8	V07000403 30 x 30 x 10 x 5	V01000100 10cc
V06070015 D=7mm H=15mm	V04051040 5mm x 10mm x 40mm	V07000104 15 x 20 x 12 x 9	V07000404 30 x 30 x 12 x 6	V01000150 15cc
V06090025 D=9mm H=25mm	V04101010 10mm x 10mm x 10mm	V07000105 15 x 20 x 14 x 10	V07000405 30 x 30 x 14 x 7	V01000200 20cc
V06100005 D=10mm H=5mm	V04101020 10mm x 10mm x 20mm	V07000201 20 x 20 x 10 x 5	V07000501 30 x 35 x 8 x 4	V01000250 25cc
V06100010 D=10mm H=10mm	V04101030 10mm x 10mm x 30mm	V07000202 20 x 20 x 12 x 6	V07000502 30 x 35 x 10 x 5	V01000300 30cc
V06100015 D=10mm H=15mm	V04101040 10mm x 10mm x 40mm	V07000203 20 x 20 x 14 x 7	V07000503 30 x 35 x 12 x 6	
V06150005 D=15mm H=5mm	V04102020 10mm x 20mm x 20mm	V07000204 20 x 20 x 16 x 8	V07000504 30 x 35 x 14 x 7	
V06150010 D=15mm H=10mm	V04102030 10mm x 20mm x 30mm	V07000301 20 x 25 x 6 x 3	V07000601 35 x 15 x 8 x 6	
V06150015 D=15mm H=15mm	V04102040 10mm x 20mm x 40mm	V07000302 20 x 25 x 8 x 4	V07000602 35 x 15 x 10 x 8	
V06150020 D=15mm H=20mm	V04103030 10mm x 30mm x 30mm	V07000303 20 x 25 x 10 x 5	V07000603 35 x 15 x 12 x 9	
V06200005 D=20mm H=5mm	V04202020 20mm x 20mm x 20mm	V07000304 20 x 25 x 12 x 6	V07000604 35 x 15 x 14 x 10	
V06200010 D=20mm H=10mm	V05041045 (3 pack) 4mm x 10mm x 45mm	V07000305 20 x 25 x 14 x 7		
V06200015 D=20mm H=15mm				
V06200020 D=20mm H=20mm				

IXOBONE HA/TCP product range is gamma sterilized and ready to use, with a shelf life of five years. Other sizes and smaller granules are available upon request.

IXOBONE[®] PASTE/PUTTY

Nanostructured biomimetic materials

Optimized composition of the IXOBONE PASTE allows complete and easy filling of defects, assuring superior contact at the implant interface. The addition of HA/TCP granules in the IXOBONE PUTTY provides longer term support.

The nano HA constituent has a surface area that is 50 to 100 times greater than traditional synthetic bone grafts and encourages rapid vascularization and integration. The biphasic granule component of the IXOBONE PUTTY is fully interconnected and provides longer term support during bone formation and remodeling phases.

Advanced technology leads to unique specifications

Optimised sticky viscosity allows for complete and easy filling of the defects, and will resist irrigation.

IXOBONE PUTTY 3 phase composite

Nano HA attracts the biomolecules essential for the recruitment of cells.

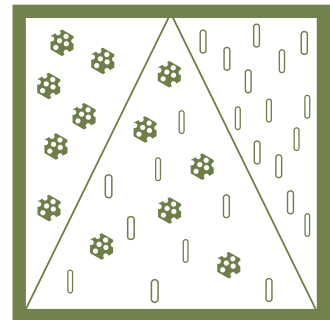
Micro homogeneous porosity and surface roughness aids cell attachment and nutrient transfer.

Macro structured biphasic component supports ingrowth of bone and the regeneration process.

Highly moldable



HA/TCP
Macro + Micro Nano HA



Putty 3 Phase Composite

IXOBONE[®] PASTE product range

PASTE
V08000005 0.5cc
V08000010 1cc
V08000020 2cc
V08000025 2.5cc
V08000050 5cc

IXOBONE PASTE product range is gamma sterilized and ready to use, with a shelf life of three years.

IXOBONE[®] PUTTY product range

PUTTY
V11000005 0.5cc
V11000010 1cc
V11000020 2cc
V11000025 2.5cc
V11000050 5cc

IXOBONE PUTTY product range is gamma sterilized and ready to use, with a shelf life of two years.



PUTTY & PASTE applicator supplied with a long cannula, a short cannula and a pusher

IXOBONE range is designed for use in a broad range of non load bearing osseous defects. Indications include fracture repair, non-unions, and also tibial tuberosity advancement (within cages).

Exabone GmbH is a Swiss based biotechnology leader that develops, manufactures and distributes innovative biomaterials across the globe.

Exabone GmbH operates a certified ISO 13485 quality management system and all Exabone GmbH products are CE marked.

Capitalising on over 30 years experience in global markets our products are innovative, easy to use and proven the world over.



IXOBONE is the veterinary division and a registered trademark of Exabone GmbH.

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