

Opus[™] BA

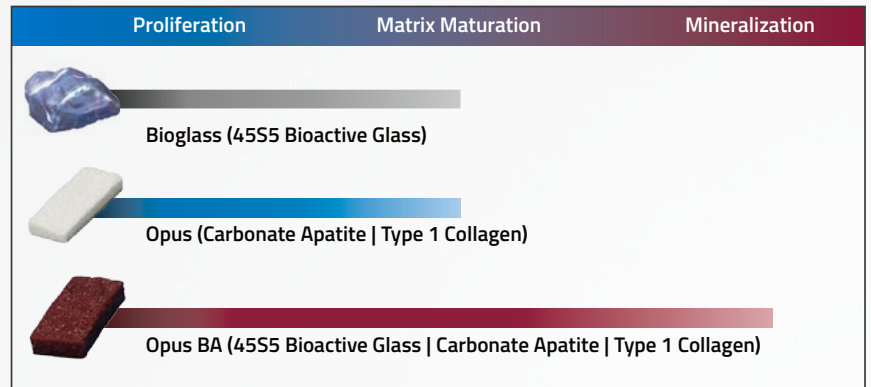
Osteoconductive Matrix



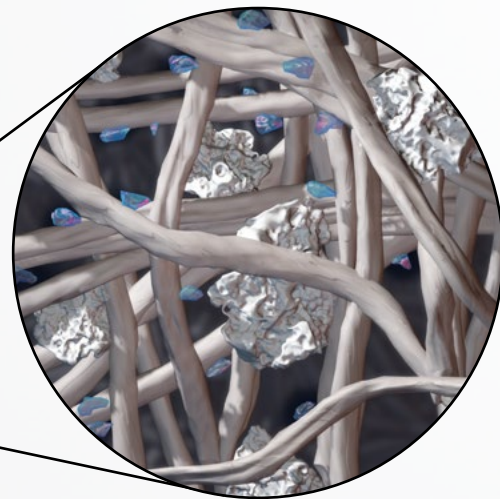
Opus™ BA

Osteoconductive Matrix

Opus™ BA is a synthetic bioactive solution that is easily hydrated and flexible. A carefully selected trifecta of components creates an ideal environment for bone growth building on the earlier generations of synthetic bone grafts.

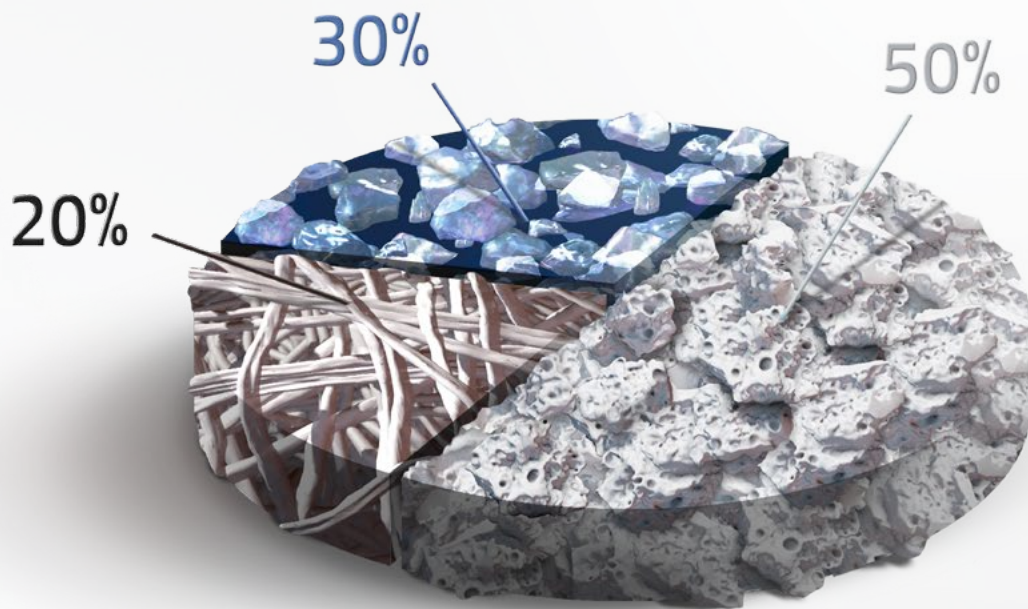


Bioglass and Opus drive osteoblasts to maturation. Opus BA drives beyond maturation and induces osteoblasts to mineralization.¹



Opus BA undergoes a proprietary process to ensure the osteoconductive matrix has uniform distribution, mimicking the structure and porosity of cancellous bone.²

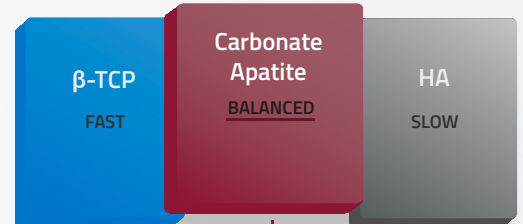
A Carefully Selected Trifecta



Carbonate Apatite Bone Mineral | 50%

- Higher osteoclastic and osteoblastic activity than β -TCP & HA³
- Resorption & remodeling similar to human bone^{4,5}
- More calcium phosphate deposition than β -TCP⁶

Resorption Profile



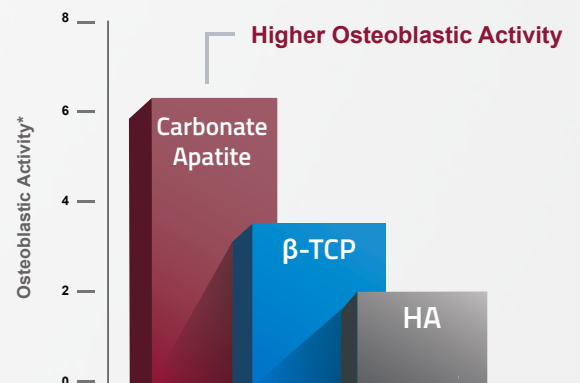
Optimal Resorption & Remodeling

45S5 Bioactive Glass | 30%

- Ideal particle range and size (100-300 μ m)^{7,8,9}
 - Controlled rate of ion dissolution & surface reactivity
 - Optimal resorption rate
- Ability to stimulate the growth and osteogenic differentiation of osteoblasts¹⁰

Type 1 Collagen | 20%

- 100% resorbable¹¹
- Intrinsic hemostatic properties control minor bleeding^{11,12}
- Binds proteins and cells and retains biological factors¹³



* Relative mRNA levels of RANKL/GADPH

Opus BA Putty

71410307	Putty	7cc
71410314	Putty	14cc

Opus BA Strip

71420305	Strip	5cc
71420610	Strip	10cc
71421220	Strip	20cc
71422540	Strip	40cc

Bone Marrow Aspiration Needle

21-5000	8 guage
21-5011	11 guage

Please visit Orthofix.com/IFU for full information on indications for use, contraindications, warnings, precautions, adverse reactions information and sterilization.

References:

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