



Polymethyl methacrylate (PMMA) based Bone Cement is a widely used biomaterial due to its ease of use in clinical practice and its long survival rate, especially with prosthetics. Bone cements have been used very successfully to anchor artificial joints for more than half a century. Artificial joints are anchored with bone cement. The Bone Cement fills the free space between the prosthesis and the bone and plays the important role of an elastic zone. SkyBoneCement is a Radiopaque, PMMA bone cement with different viscosity variants as high, medium and low viscosity. The Product has two main components: Liquid monomer and powdered polymer. The liquid part consists of methyl methacrylate, dimethyl-para-toluidine and hydroquinone as activators. Powder part consists of PMMA containing dibenzoyl peroxide, barium sulphate radiopacifier and gentamicin as an antibiotic.

SkyBoneCement

Polymethyl methacrylate (PMMA), is commonly known as bone cement, and is widely used for implant fixation in various Orthopaedic and trauma surgery. In reality, "cement" is a misnomer because, the word cement is used to describe a substance that bonds two things together.

SkyCureBond

Antibiotic (Gentamicin) Bone Cement

SkyPureBond

Standard Bone Cement

Indications

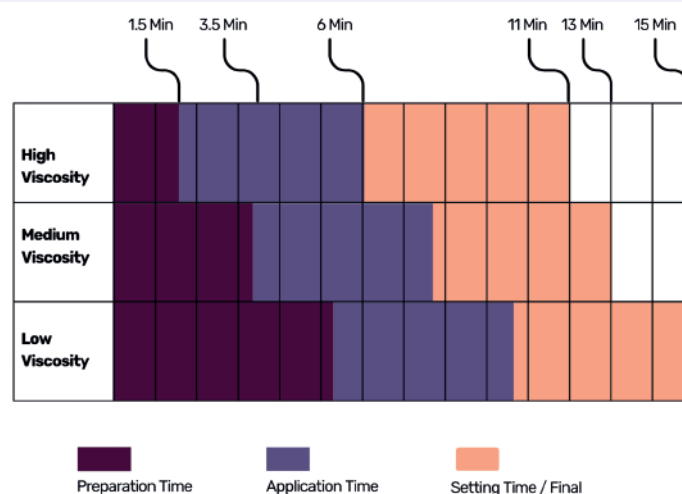
Radiopaque Bone Cement, osteoarthritis, rheumatoid arthritis, traumatic arthritis, avascular necrosis, sickle severe joint breakdown as a result of cell anemia, collagen disease, trauma, or other conditions, and orthopedic musculoskeletal surgery of the prosthesis for revision of past arthroplasty procedures. It is indicated for fixation to living bone in procedures. Cement is also a more traditional method of preventing loss of bone material or recalcitrance of fracture. It is also indicated for fixing pathological fractures where it renders procedures ineffective.

Liquid

| | |
|--------------------|------------------------------|
| Monomer | Methylmethacrylate MMA |
| Activator | N, N Dimethyl-para-toluidine |
| Stability Provider | Hydroquinone |
| Colorant | - |

Powder

| | |
|----------------|---------------------|
| Polymer | PMMA |
| Antibiotic | Gentamicin Sulphate |
| Starter | Benzoyl peroxide |
| Radio-pacifier | Barium Sulphate |

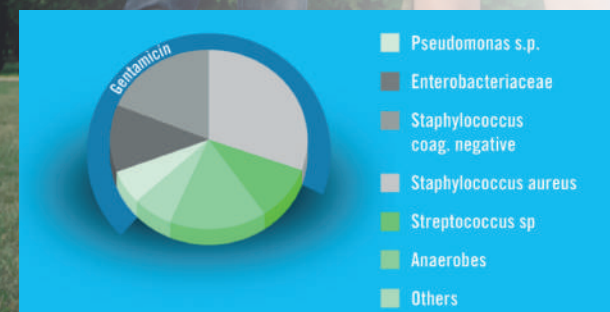


SKY CURE BOND

Antibiotic Bone Cement

Poly-methyl-methacrylate (PMMA) is the most widely used biomaterial for cranioplasty. The product has two main components: liquid monomer and powdered polymer. The powder contains PMMA with dibenzoyl peroxide, a barium sulfate radiopacifier, and gentamicin as an antibiotic.

| SkyCureBond Gentamicin Sulphate (Antibiotic) | | |
|---|--|---|
| Antibiotic High Viscosity | Liquid | Powder |
| 12.5 Gr | Metilmetakrilat(MMA) Dimethyl-p-toluidine Hydroquinone | PMMA Barium Sulphate (Radiopacifier) Benzoyl Perokside Gentamicin Sulphate(Antibiotic) |
| 15 Gr | | |
| 20 Gr | | |
| 25 Gr | | |
| 40 Gr | | |
| 60 Gr | | |



SKY PURE BOND

High Viscosity Vertebroplasty

Vertebroplasty Bone Cement is indicated for fixation of pathological fractures of the vertebral body (vertebroplasty and kyphoplasty). Sky Bone Cement Vertebroplasty Bone Cement is indicated for fixation of pathological fractures of the vertebra body (vertebroplasty and kyphoplasty).

Easy touse

Biocompatible

High radio-opacity

Appropriate working time

| SkyPureBond | | |
|--------------------|--|---|
| Standart Viscosity | Liquid | Powder |
| 12.5 Gr | Metilmetakrilat(MMA) Dimethyl-p-toluidine Hydroquinone | PMMA Barium Sulphate (Radiopacifier) Benzoil Perokside |
| 15 Gr | | |
| 20 Gr | | |
| 25 Gr | | |
| 40 Gr | | |
| 60 Gr | | |

SKY PURE BOND

Medium Viscosity Arthroplasty

Sky Bone Cement is a two-component bone cement. The liquid part contains Methylmethacrylate, dimethyl-para-toluidine as an activator, and hydroquinone to prevent premature polymerization. The powder part consists of P(MMA) with dibenzoyl peroxide, barium sulfate as a radiopacifier, and gentamicin as an antibiotic. Mixing these components forms the bone cement, which is radio-paque and used in medical procedures.

SKY PURE BOND

Low Viscosity Cyranoplasty

Poly-methyl-methacrylate (PMMA) is the most widely used biomaterial for cranioplasty. The product has two main components: liquid monomer and powdered polymer. The powder contains PMMA with dibenzoyl peroxide, a barium sulfate radiopacifier, and gentamicin as an antibiotic.