



Product Catalog 2025

DOC : F-C-10-21

Issue : 01 Rev : 01
Effective Date : 01-02-2025
Review Date : 31-01-2028



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AxioBond 7

7th Generation Bonding Agent

A 7th generation, multi-functional, light cured one component dentine/enamel bonding agent for bonding of both direct and indirect restorations. AxioBond 7, primes & bonds in one step.



Technical Data

1. Curing Time	20 – 30 sec.
2. Shear Bond Strength	15 – 20 Mpa

● Indications

- > Adhesion of composite resin for direct / indirect restorations

● Product Benefits

- > Single step self-etch bonding agent for direct composite restorations
- > Excellent adhesion to dentine and enamel
- > Universal for all light curing restorations

● Composition

- > Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Bisphenol A glycidyl Methacrylate, Water, Primer, Photoinitiators and Stabilizer.

● Product Packaging

- > #21003 : Intro Pack : 1 x 5ml Squeeze Bottle, Instruction Manual
- > #21004 : Economy Pack : 2 x 5ml Plastic Dropper Bottles, 40 x Microbrushes, 1 x Instruction Manual

AxioBond 5

Light Curing Total Etch One Component Bonding Adhesive

A multifunctional, light cured, one component dentine/enamel bonding agent. It has excellent adhesion to tooth tissue and composite resin. One bottle system, easy to use and can be applied to both dentine and enamel.



Technical Data

1. Curing Time	20 – 30 sec.
2. Shear Bond Strength	18 – 20 Mpa

● Indications

- Adhesion of composite resin for direct restorations

● Product Benefits

- Simple to use one step bonding material
- Excellent adhesion to dentin and enamel
- Long lasting bonding strength

● Composition

- Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Bisphenol A glycidyl Methacrylate, Primer, Photoinitiators, Stabilizer, Solvent.

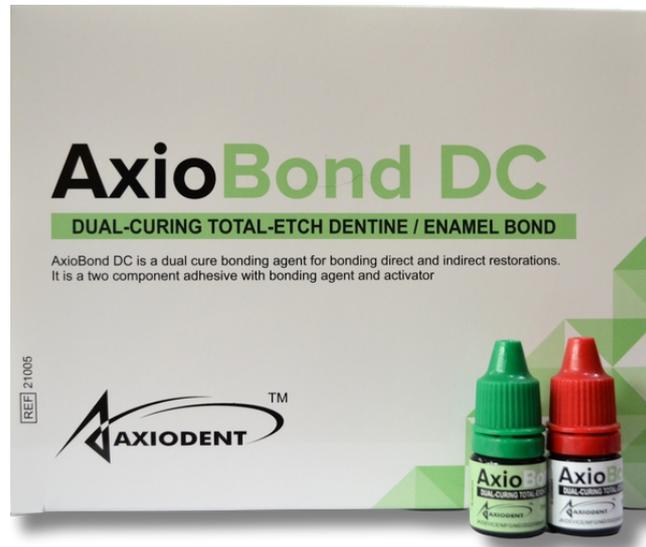
● Product Packaging

- #21001 : Intro Pack : 1 x 5ml Squeeze Bottle, Instruction Manual
- #21002 : Economy Pack : 2x5ml Plastic Dropper Bottles, 40 x Microbrushes, 1xInstruction Manual

AxioBond DC

Dual Curing Bonding Agent

Dual curing bonding agent for enamel and dentin, as well as metal and ceramic. Suitable for use with dual-curing and self-curing composites. It is a two components system to be used with self curing and dual curing resin cements to bond all indirect restorations including metal, ceramic and composites crowns, inlays, onlays, veneers and bridge retainers and bonding of endodontics posts.



Technical Data

1. Curing Time	20 – 30 sec.
2. Shear Bond Strength	18 – 20Mpa

● Indications

- > Direct, light cured/self cured composite and compomer restorations.
- > Bonding of Indirect restorations and light/self cure resin cemented veneers
- > Direct, light cured/self cure composite restorations and core build-up
- > Indirect restoration resin cemented inlays, onlays, crown and bridge retainers
- > Endodontic post cementation

● Product Benefits

- > High bond strength to both dentine and enamel
- > Dual cure versatility
- > Reduced post operative sensitivity

● Composition

- > **AxioBond DC Bonding Agent** contains Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Bisphenol A Glycidyl Methacrylate, Photoinitiators, Stabilizer, Solvent, Ethoxylated Bisphenol A Dimethacrylate
- > **AxioBond DC Activator** contains Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Bisphenol A GlycidylMethacrylate, Curing Agent, Stabilizer, Solvent

● Product Packaging

- > #21005: 1 x 5ml Bonding Agent, 1 x 5ml Activator, 20 x Micro Brushes, Instruction Manual

AxioBond MDP

One Component Self Etch Bonding Agent

Light-cured single-component dentine bonding agent that combines etching, priming and bonding in one bottle. It is an ethanol-water-based dental adhesive containing 10-Methacryloyloxydeceeryl Dihydrogen Phosphate (10-MDP), a functional monomer that helps in bonding to dentin, cut and un-cut enamel. Designed to be fully compatible with light-cured, self-cured and dual-cured composite materials. To be used for the bonding of both direct and indirect restorations and may be used with or without phosphoric acid etchant.



Technical Data

1. Curing Time	20 – 30 sec.
2. Shear Bond Strength	20 – 30 Mpa

● Indications

- > Light cure bonding agent for dual, light and self curing composites, compomers and ormocers.
- > Bonding of indirect restorations and endodontic posts.
- > Intraoral repair.
- > Desensitizer.

● Product Benefits

- > AxioBond MDP is fully compatible with light-cured, self-cured and dual-cured composite materials.
- > AxioBond MDP can be used for the bonding of both direct and indirect restorations and may be used with or without phosphoric acid etchant.
- > Contains (10-MDP), a functional monomer which helps in bonding to dentin, cut/un-cut enamel.

● Composition

- > BisGMA, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Solvents, Water, 10-Methacryloyloxydeceeryl Dihydrogen Phosphate (MDP), Photoinitiators & Stabilizers.

● Product Packaging

- > #21006 : Regular Pack : 1 x 5ml Squeeze Bottle, Instruction Manual

AxioComp NT

Nano Ceramic Universal Restorative Composite

Light curing composite for use in anterior and posterior restorations. AxioComp NT is a low shrinkage composite with nano silica and zirconia filler.



Technical Data

1. Curing Time	40 Sec.
2. Depth of Cure	1.0 (Opaque Shade), 1.5 (Other Shade)
3. Compressive Strength	300 MPa
4. Flexural Strength	140 – 150 MPa

● Indications

- > Direct anterior and posterior restorations
- > Core build-ups
- > Splinting
- > Indirect restorations

● Product Benefits

- > Easy handling due to high viscosity
- > Very high wear resistance
- > High polishability

● Composition

- > Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Photoinitiators.

● Product Packaging

SHADE	PACKING	
A1	#23001 : 1 x 4gm syringe, Instruction Manual	#23009 : 20 x 0.25g Compules, Instruction Manual
A2	#23031 : 1 x 4gm syringe, Instruction Manual	#23055 : 20 x 0.25g Compules, Instruction Manual
A3	#23032 : 1 x 4gm syringe, Instruction Manual	#23056 : 20 x 0.25g Compules, Instruction Manual
A3.5	#23033 : 1 x 4gm syringe, Instruction Manual	#23057 : 20 x 0.25g Compules, Instruction Manual
B1	#23035 : 1 x 4gm syringe, Instruction Manual	#23059 : 20 x 0.25g Compules, Instruction Manual
B2	#23036 : 1 x 4gm syringe, Instruction Manual	#23060 : 20 x 0.25g Compules, Instruction Manual
Extra Bleach	#23049 : 1 x 4gm syringe, Instruction Manual	#23073 : 20 x 0.25g Compules, Instruction Manual
Bleach	#23050 : 1 x 4gm syringe, Instruction Manual	#23074 : 20 x 0.25g Compules, Instruction Manual

- > #23004 : Intro Kit 4 x 4g Syringes Shades: A1/A2/A3/B2 , 1 x 5ml AxioBond 7, 10 x Micro Brushes, Instruction Manual
- > #23008 : Master Kit 7 x 4g Syringes, 1 x 5ml AxioBond 7, 1 x 2g AxioFlow, 1 x 4g AxioGloss, 10 x Micro Brushes, 10 x Applicator Tips, 1 x Instruction Manual

AxioFlow

Light Cured Nano Hybrid Flowable Composite

Excellent flowable composite that delivers high strength & wears resistance. It is characterized by optimum surface affinity, penetrates into the most difficult area. It combines esthetics as well as flow-on-demand handling for use.



Technical Data

1. Curing Time	40 Sec.
2. Depth of Cure	1.0 (Opaque Shade), 1.5 (Other Shade)
3. Flexural Strength	120 – 125 MPa

● Indications

- Filling of smaller cavities
- Extended fissure sealing
- Restoration class III to V
- Repairs of fillings & veneers

● Product Benefits

- Optimal flowability
- Higher filler loading of 70% w/w
- Excellent physical properties
- Lower polymerization shrinkage
- Very good abrasion resistance

● Composition

- Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Total inorganic filler 70%.

● Product Packaging

SHADE	PACKING	
A1	#23011 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23012: 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
A2	#23079 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23100 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
A3	#23080 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23101 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
A3.5	#23081 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23102 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
A4	#23082 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23103 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
B1	#23083 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23104 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
B2	#23084 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23105 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
B3	#23085 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23106 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
C1	#23086 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23107 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
C2	#23087 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23108 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
C3	#23088 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23109 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
OA1	#23089 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23110 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
OA2	#23090 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23111 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
OA3	#23091 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23112 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
OA3.5	#23092 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23113 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
G1	#23093 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23114 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
G2	#23094 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23115 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
G3	#23095 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23116 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
G4	#23096 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23117 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
BLEACH	#23097 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23118 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
INCISAL	#23098 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23119 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual
OPAQUE	#23099 : 1 x 2gm syringe, 5 x Applicator Tips, Instruction Manual	#23120 : 2 x 2g syringe, 10 x Applicator Tips, Instruction Manual

- #23013 : Combo Pack : 4 x 2g Syringes, Shades: A2 , A3, B2 , B3, 20 x Applicator Tips, Instruction Manual

AxioCore DC

Flowable, Dual Curing, Nano-tech Core Build-Up Composite

Dual-curing, radiopaque, flowable core build-up composite in an automix delivery system.



Technical Data

1. Working Time	60 Sec.
2. Setting Time	3 - 4 Min
3. Flexural Strength	110MPa - 120MPa
4. Film Thickness	<50 µm

● Indications

- > Core build-up, for vital as well as non-vital teeth
- > Luting of all types of endodontic posts

● Product Benefits

- > Light curing for time saving application
- > Additional chemical curing for complete polymerization
- > Low heat development even in bulk application
- > Flowable, non slumping formula for convenient placement
- > Low shrinkage properties

● Composition

- > **Base Paste** : Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Triethylene Glycol Dimethacrylate, 4-META, Fillers, Curing Agents and Stabilizers.
- > **Catalyst Paste** : Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Triethylene Glycol Dimethacrylate, Fillers, Curing Agents, Stabilizers and Pigments.

● Product Packaging

- > #23022 : Intro Pack: 1 x 9g Automix Syringe, 10 x Intra-oral Tips, 10 x Endo Tips, Instruction Manual

AxioGlass

Light Curing Glass Ionomer Composite Cement

Ready to use one component light cured composite reinforced with glass ionomer with excellent handling and physical properties.



Technical Data

1. Curing Time	10 – 40 Sec.
2. Flexural Strength	110-115 MPa

● Indications

- > Lining under all kinds of filling materials
- > Extended fissure sealing
- > Restorations of smaller lesions

● Product Benefits

- > High compressive strength
- > Fluoride release
- > Radiopaque
- > Fast and easy to apply

● Composition

- > Urethane Dimethacrylate resin, Bisphenol A Glycidyl Methacrylate, Fluoroaluminum silicate, Barium Sulphate, Photoinitiators and Stabilizers

● Product Packaging

- > #23024 : Regular Pack : 1 x 2g Syringe, 5 x Applicator Tips, Instruction Manual
- > #23026 : Intro Pack : 2 x 2g Syringes, 10 x Applicator Tips, 1xInstruction Manual
- > #23028 : Economy Pack : 4 x 2g Syringes, 20 x Applicator Tips, Instruction Manual
- > #23121 : Card Pack : 1 x 0.8g Syringe, 5 x Applicator Tips, 1 x Instruction Manual

AxioCem Type I

Translucent Fine Particle Glass Ionomer Luting Cement

Type I Luting is the ideal, radiopaque, self curing translucent, fine particle glass ionomer luting material with excellent tooth adhesion and flowability, It is useful for a wide range of clinical applications.



Technical Data	Standard Applied	
1. Setting Time 2. Compressive Strength 3. Film Thickness	1:30 - 2:00 min >100 MPa <25µm	ISO 9917-1

● Indications

- > Cementation of inlays, onlays and crowns
- > Cementation of posts
- > Attachment of metal orthodontic bands
- > Cementation of Stainless Steel Crowns

● Product Benefits

- > High fluoride release
- > Low solubility
- > Translucent shade
- > Very low film thickness

● Composition

- > Powder: Fluoroaluminosilicate glass powder
- > Liquid: Polyacrylic acid with thin viscosity

● Product Packaging

- > #24001: Powder- Liquid Kit: 1 x 15g Powder Jar, 1 x 10ml Liquid Bottle, 1 x Mixing Pad, 1 x Spoon, Instruction Manual

AxioCem Type II

Aesthetic Fine Particle Glass Ionomer Restorative Material

Type II is a radiopaque Glass Ionomer Cement for restoration of primary teeth, core build up and restoration of class III, V and limited class I cavities.



Technical Data		Standard Applied
1. Setting Time	1:30 - 2:00 min	ISO 9917-1
2. Opacity	0.35 - 0.90	
3. Compressive Strength	190 - 200 Mpa	

● Indications

- > Permanent class III, class V restorations and small class fillings
- > Restoration of deciduous teeth (especially class I)
- > Restoration of smaller lesions
- > Primary teeth fillings
- > Fissure sealing
- > Filling of cervical erosions

● Product Benefits

- > Self- curing/self adherent
- > Multiple shades to achieve desired natural aesthetics
- > Radiopaque and offers strong adhesion to enamel and dentine
- > High and continuous fluoride release
- > Coefficient of expansion similar to tooth structure

● Composition

- > Powder: Fluoroaluminosilicate glass powder
- > Liquid: Polyacrylic acid

● Product Packaging

- > #24006: Powder Liquid Kit: 1x15g Powder Jar, 1x10 ml Liquid Bottle, 1xMixing Pad, 1xSpoon, Instruction Manual, Shade : A1

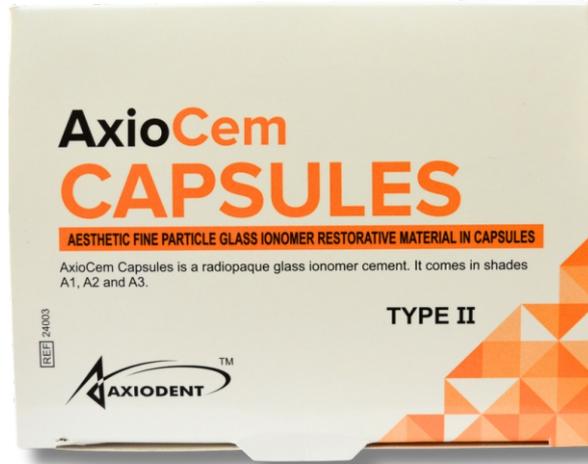
- > #24002: Powder Liquid Kit: 1x15g Powder Jar, 1x10 ml Liquid Bottle, 1xMixing Pad, 1xSpoon, Instruction Manual, Shade : A2

- > #24007: Powder Liquid Kit: 1x15g Powder Jar, 1x10 ml Liquid Bottle, 1xMixing Pad, 1xSpoon, Instruction Manual, Shade : A3

AxioCem Type II Capsules

Aesthetic Fine Particle Glass Ionomer Restorative Material in capsules

Type II capsulated, prefilled, radiopaque Glass Ionomer Cement for restoration of primary teeth, core build up and restoration of class III, V and limited class I cavities.



Technical Data		Standard Applied
1. Setting Time	2-3 min	ISO 9917-1
2. Compressive Strength	180 Mpa	

● Indications

- > Permanent class III, class V restorations
- > Restoration of deciduous teeth (especially class I)
- > Restoration of smaller lesions

● Product Benefits

- > Optimised powder/liquid ratio
- > Self- curing/self adherent
- > Multiple shades to achieve desired natural aesthetics
- > Radiopaque and offers strong adhesion to enamel and dentine
- > High and continuous fluoride release
- > Coefficient of expansion similar to tooth structure

● Composition

- > Powder: Fluoroaluminosilicate glass powder
- > Liquid: Polyacrylic acid

● Product Packaging

- > #24003: 10 x Single Shade Capsules, Instruction manual, Shade : A1

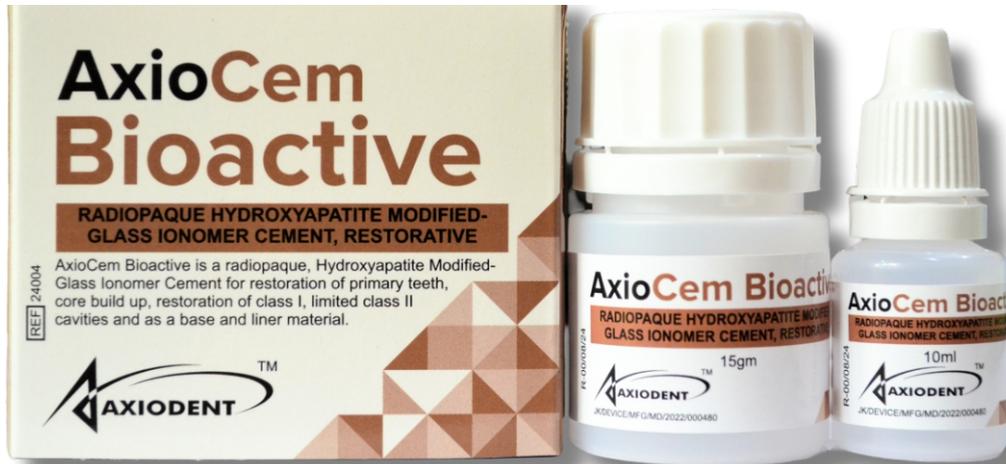
- > #24008: 10 x Single Shade Capsules, Instruction manual, Shade : A2

- > #24009: 10 x Single Shade Capsules, Instruction manual, Shade : A3

AxioCem Bioactive

Restorative, Radiopaque, Hydroxyapatite Modified-Glass Ionomer Cement

Hydroxyapatite Modified-Glass Ionomer Radiopaque Cement. Hydroxyapatite provides a positive environment and indirectly decreases the caries susceptibility of individuals.



Technical Data		Standard Applied
1. Setting Time	1:30 - 2:00 min	ISO 9917-1
2. Compressive Strength	180 - 190 Mpa	

● Indications

- > Core build-up
- > Restoration of primary teeth
- > Cases where radiopacity is required
- > Temporary endodontic fillings
- > Class I, limited Class II, temporary fillings, etc.
- > As a base or liner
- > Intermediate restoratives and base material for class I and II cavities using the sandwich technique

● Product Benefits

- > Anticariogenic
- > Tooth coloured
- > Accelerated remineralisation
- > Excellent chemical bonding to dentin and enamel
- > Radiopaque for easy postoperative diagnosis

● Composition

- > Powder : Fluoroaluminosilicate glass powder and hydroxyapatite powder
- > Liquid : Polyacrylic acid solution

● Product Packaging

- > #24004: Powder-Liquid Kit: 1 x 15g Powder Jar, 1 x 10ml Liquid Bottle, 1 x Mixing Pad, 1 x Spoon, Instruction Manual

AxioCem Conditioner

Polyacrylic Acid Cavity Conditioner

AxioCem Conditioner is a mild polyacrylic acid solution designed to remove the smear layer and to condition dentin, thus enhancing the bond between glass ionomer cement and dentin.



Technical Data

1. pH	1.5 - 2.0
2. Colour	Blue

● Indications

- > Removal of dentinal smear layer
- > To condition the dentin

● Product Benefits

- > Enhances the bond between glass ionomer cement and the dentine
- > Low pH value

● Composition

- > Polyacrylic acid solution

● Product Packaging

- > #24005: 1 x 10ml Liquid Squeeze Bottle, Instruction Manual

AxioZi-Temp

ZOE Cement Quick Set

Easy mix rapid setting zinc oxide-eugenol cement for thermal insulation and temporary restoration



Technical Data	Standard Applied	
1. Setting Time 2. Compressive Strength	5:00 - 7:00 min 20 Mpa	ISO 3107

● Indications

- > Ideal temporary sealant and filling material
- > Cavity liner
- > Temporary fixation of crowns and bridges

● Product Benefits

- > Easy mix powder liquid composition
- > Rapid setting
- > Effective thermal and chemical insulator
- > Excellent flowability
- > High compressive strength
- > Excellent cavity liner compatible under most restorative materials

● Composition

- > Powder is Zinc Oxide and liquid contains Eugenol and Accelerators

● Product Packaging

- > #28017: Powder-Liquid Kit: 1 X Powder Jar 15g, 1 X Liquid Bottle 10ml, 1 X Mixing Pad, 1 X Spoon, Instruction manual

AxioIRM XS

Polymer Reinforced ZOE Cement

Intermediate Restorative Material (IRM) for class I and class II restorations.



Technical Data

1. Setting Time	4 - 6 min
2. Compressive Strength	60 - 70 Mpa

● Indications

- > As a base under amalgam and non resin restorations
- > Temporary restoration in emergency treatments
- > Sealing coronal portion of teeth under endodontic treatment

● Product Benefits

- > Excellent physical properties due to added unique polymer reinforcing agents
- > High compressive strength
- > High tensile strength
- > Better abrasion resistance

● Composition

- > Powder contains Zinc Oxide, Fillers and Accelerators and Liquid contains Eugenol and EBA

● Product Packaging

- > #28016 : 1 x 38g Powder, 1 x 14ml Liquid, 1 x Spoon, 1 x Mixing Pad, Instruction Manual

AxioShine

Prophylaxis Polishing Paste

Prophylaxis Paste for polishing and fluoridation. It's mechanical action produces a smooth surface without eroding the dental enamel.

**Technical Data**

1. Consistency	18 - 21mm
2. Film Thickness	80 - 130µm

- **Indications**

- Polishing after scaling
- Removal of tartar, tobacco and food stains

- **Product Benefits**

- Oil free formulation
- Fluoride release formula
- Splatter free paste
- Excellent stain removal and polishing
- Available in five different flavors and fine, medium & coarse grit

- **Composition**

- Zirconium Silicate, Pumice Powder, Glycerine, Fillers, Sodium Fluoride, Pigments and flavoring matter

- **Product Packaging**

- #28002: Fresh Mint: 1 x 200g Plastic Jar, Instruction Manual, Grit : Fine
- #28003: Fresh Mint: 1 x 75g Plastic Jar, Instruction Manual, Grit : Fine
- #28004: Fresh Fruit: 1 x 75g Plastic Jar, Instruction Manual, Grit : Fine
- #28005: Fresh Strawberry: 1 x 75g Plastic Jar, Instruction Manual, Grit : Fine
- #28006: Fresh Orange: 1 x 75g Plastic Jar, Instruction Manual, Grit : Fine
- #28007: Fresh Pineapple: 1 x 75g Plastic Jar, Instruction Manual, Grit : Fine
- #28021: Fresh Mint: 1 x 200g Plastic Jar, Instruction Manual, Grit : Coarse
- #28022: Fresh Mint: 1 x 200g Plastic Jar, Instruction Manual, Grit : Medium
- #28023: Fresh Mint: 1 x 75g Plastic Jar, Instruction Manual, Grit : Coarse
- #28024: Fresh Mint: 1 x 75g Plastic Jar, Instruction Manual, Grit : Medium
- #28025: Fresh Fruit: 1 x 75g Plastic Jar, Instruction Manual, Grit : Coarse
- #28026: Fresh Fruit: 1 x 75g Plastic Jar, Instruction Manual, Grit : Medium
- #28027: Fresh Strawberry: 1 x 75g Plastic Jar, Instruction Manual, Grit : Coarse
- #28028: Fresh Strawberry: 1 x 75g Plastic Jar, Instruction Manual, Grit : Medium
- #28029: Fresh Orange: 1 x 75g Plastic Jar, Instruction Manual, Grit : Coarse
- #28030: Fresh Orange: 1 x 75g Plastic Jar, Instruction Manual, Grit : Medium
- #28031: Fresh Pineapple: 1 x 75g Plastic Jar, Instruction Manual, Grit : Coarse
- #28032: Fresh Pineapple: 1 x 75g Plastic Jar, Instruction Manual, Grit : Medium

AxioGloss

Composite Polishing Paste

Aluminium oxide paste for the final polishing of direct or indirect anterior and posterior resin restorative materials.



Technical Data	
1. Consistency	25 - 30 mm
2. Film Thickness	55 - 65 μ m

- **Indications**

- Final polishing of composite restorations and veneers

- **Product Benefits**

- Non-splatter and non drying formula
 - Spearmint flavored
 - Contains potassium nitrate topical desensitizer for patient comfort

- **Composition**

- Glycerin, Abrasives, Polyethylene Glycol, Fillers and Flavouring Agent

- **Product Packaging**

- #28001: 1 x 4g Syringe, Instruction Manual

AxioPro ART

Light Curing Pulp Protectant/Liner

Light-Cure resin modified Calcium Hydroxide/Tricalcium Phosphate pulp protectant/liner fortified with Hydroxyapatite. Designed to perform as a barrier and to protect dental pulpal complex. Unique Active Release Technology is useful in pulp capping under filling materials and cements.

81% of Clinicians Report® evaluator's reported that they would incorporate AxioPro ART into their practice and 86% rated AxioPro ART excellent or good, worthy of trial by colleagues.



Technical Data	Standard Applied	
1. Curing Time 2. Flexural Strength	10 - 40 sec 120 MPa	ISO 9917-2

● Indications

- Direct & indirect pulp capping.
- Protective base/liner under composites, amalgams, cements and other base materials.

● Product Benefits

- Antibacterial
- Accelerated release of calcium ions
- Accelerated formation of dentin bridge
- Contains barium zirconate for better radiopacity and biocompatibility
- Ready to use paste form that is easy to deliver with application tip

● Composition

- Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Barium Zirconate, Silanated Barium Glass Powder, Fumed Silica, Tricalcium Phosphate, hydroxyapatite, Calcium Hydroxide, Photo initiators And Stabilizers

● Product Packaging

- #25001: Regular Pack: 1 x 2g Syringe, 5 x Applicators Tips, Instruction Manual
- #25002: Intro Pack: 2 x 2g Syringe, 10 x Applicator Tips, Instruction Manual
- #25019: Card Pack : 1 x 0.8g Syringe, 5 x Applicator Tips, Instruction Manual

AxioCal LC

Light Cured Radiopaque Calcium Hydroxide Paste

Light cure radiopaque calcium hydroxide paste for pulp capping and as a protective base/liner under dental filling materials, cements & other base materials.



Technical Data	Standard Applied	
1. Curing Time 2. Flexural Strength	30 - 40 sec 120 MPa	ISO 9917-2

● Indications

- > For indirect pulp capping
- > Acid protection when applying etch technique
- > As cavity liner under all filling materials

● Product Benefits

- > Time saving, direct application and light curing
- > Ready to use one component material
- > Acid Resistant
- > Effective protection of the pulp
- > Helps formation of secondary dentin
- > Excellent adhesion to composites
- > High compressive strength
- > Low solubility in oral fluids

● Composition

- > Urethane dimethacrylate, triethylene glycol dimethacrylate, barium sulfate, calcium hydroxide, silanated barium glass powder, amorphous fumed silica, photo initiators and stabilizers.

● Product Packaging

- > #25004: Regular Pack: 1 x 2g Syringe, 5 Applicator Tips, Instruction Manual
- > #25005: Intro Pack: 2 x 2g Syringe, 10 Applicator Tips, Instruction Manual
- > #25006: Economy Pack: 4 x 2g Syringe, 20 Applicator Tips, Instruction Manual

AxioCal

All Purpose Calcium Hydroxide Paste

Premixed water based radiopaque calcium hydroxide paste with barium sulphate for endodontic indications.



Technical Data

1. Consistency	35 - 40 mm
2. Film Thickness	<20 μ m
3. Setting Time	30 - 35 min
4. pH	11-13

● Indications

- > Apexogenesis
- > Apexification
- > Temporary root canal filling
- > Internal & external root resorption

● Product Benefits

- > High pH (pH 12) helps neutralize free acids of obturating cements and restorative materials
- > Reduces hypersensitivity of dentine
- > 45% calcium hydroxide content helps the neoformation of secondary dentine
- > Radiopacity
- > Perfect pulp protection
- > Syringe for direct application

● Composition

- > Calcium Hydroxide, Demineralized Water, Barium Sulfate, Polyethylene Glycol and Hydroxypropyl Methoxycellulose

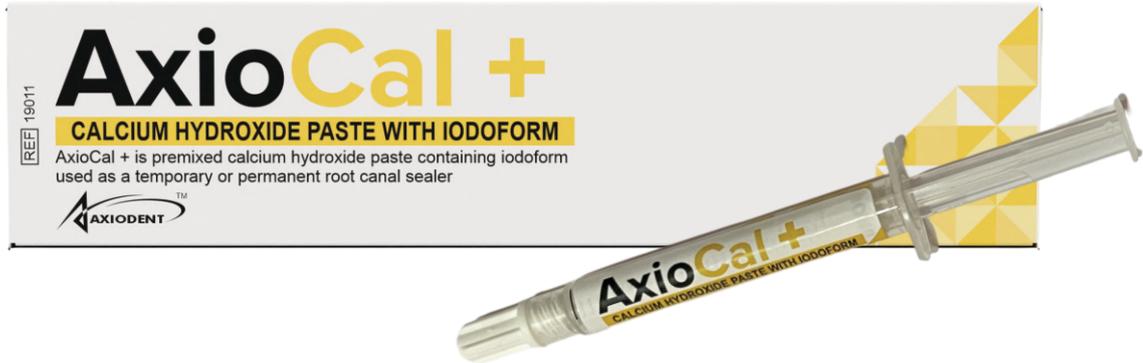
● Product Packaging

- > #25008: Trial Pack : 1 x 2g Syringe, 5 x Applicator Tips, Instruction Manual
- > #25011: Economy Pack: 4 x 2g Syringe, 20 x Applicator Tips, Instruction Manual

AxioCal+

Calcium Hydroxide Paste With Iodoform

Premixed Calcium hydroxide paste containing iodoform with improved radiopacity with an antimicrobial effect



Technical Data

1. Film Thickness	<50µm
2. Flow	25 - 28mm

● Indications

- > For direct & indirect pulp capping and pulpotomy
- > Apexifications and hard tissue formations
- > Temporary filling material for infected root canals
- > Treatment of root resorption
- > Perfect cavity liner under all filling materials

● Product Benefits

- > Non hardening paste with oil base
- > Prolonged release of calcium hydroxide helps create secondary dentin
- > Excellent biocompatibility with no toxic effects on cells
- > Easy handling and direct application
- > Ideal for infected root canals and vital pulpotomies in deciduous teeth.
- > Can be used in conjunction with gutta percha points and regular root canal sealants

● Composition

- > Calcium Hydroxide, Iodoform, Silicon Oil

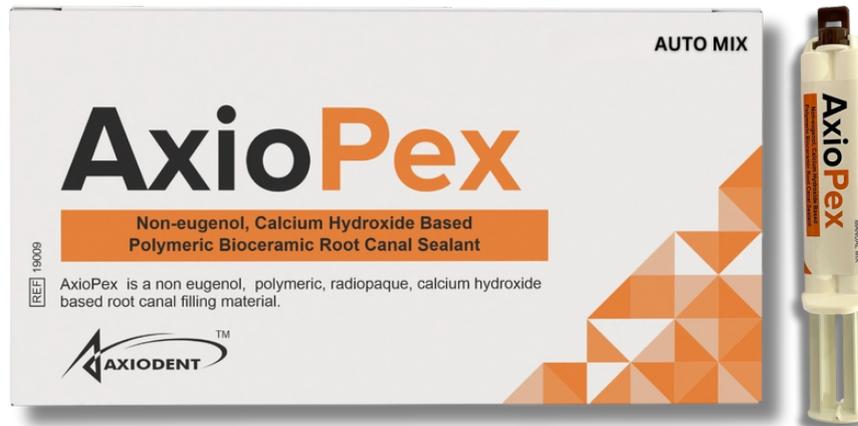
● Product Packaging

- > #19010: Regular Pack: 1 x 2g Syringe, 5 x Applicator Tips, Instruction Manual
- > #19013: Economy Pack: 4 x 2g Syringe, 20 x Applicator Tips, Instruction Manual

AxioPex

Non Eugenol, Calcium Hydroxide Based Polymeric Root Canal Sealer

Two component, non eugenol, Calcium hydroxide based polymeric root canal sealer



Technical Data		Standard Applied
1. Working Time	16 - 18 min	ISO 6876
2. Setting Time	30 - 40 min	
3. Solubility	<3.0%	
4. Film Thickness	<50µm	
5. Flow	>17mm	

● Indications

- > Permanent obturation after pulp extirpation and chemo mechanical preparation

● Product Benefits

- > Radio opaque
- > Ideal for infected root canals
- > Non shrinking formulation
- > Excellent physical and biological properties

● Composition

- > Base: N Ethylene o/p TolueneSulphonamide, Calcium Hydroxide, Zinc Oxide, Titanium dioxide, Zinc Stearate, Colophony
- > Catalyst: Ethylene Glycol Salicylate, Tricalcium Phosphate, Zinc Oxide, Titanium dioxide, Barium Zirconate, Zinc Stearate

● Product Packaging

- > #19007: Net Content 20g, 1 x Base Tube, 1 x Catalyst Tube, 1 x Mixing Pad, Instruction Manual
- > #19008: 20g Automix Cartridge Base and Catalyst, 20 x Automix Tips, Instruction Manual
- > #19009: 20g Manual Mix Cartridge Base and Catalyst, 1 x Spatula, 1 x Mixing Pad, Instruction Manual

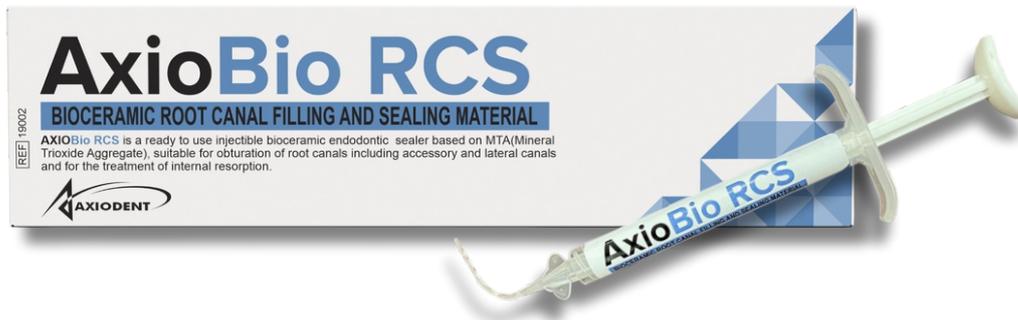
AxioBio RCS

Bioceramic Root Canal Filling and Sealing Material

Unique bioceramic technology based root canal sealer with superior handling properties allowing it to flow into dentin tubules and isthmus area. Highly biocompatible with excellent bioactivity, radiopacity and high compressive strength.

Clinicians Report reported September 2024

- 100% of evaluator's would incorporate AxioBio RCS into their practice
- 100% rated AxioBio RCS excellent or good, worthy of trial by colleagues.



Technical Data		Standard Applied
1. Working Time	25 - 30 min	ISO 6876
2. Setting Time	<24 hours	
3. Radiopacity	3 - 6mm	
4. Solubility	<3.0%	
5. Film Thickness	<50µm	
6. Flow	>17mm	

● Indications

- > Permanent obturation/filling of root canals
- > Treatment of internal resorption

● Product Benefits

- > Bioceramic technology for optimal results
- > Permits adequate working time.
- > Syringe for direct application
- > Optimal flowability allows the sealer to fill difficult access areas
- > The antimicrobial property increases the success rate of endodontic treatments
- > Radiopaque
- > Non resorbable

● Composition

- > MTA Powder, Zirconium Oxide, Hydroxypropyl Methyl Cellulose, Polyethylene Glycol and Fumed Silica

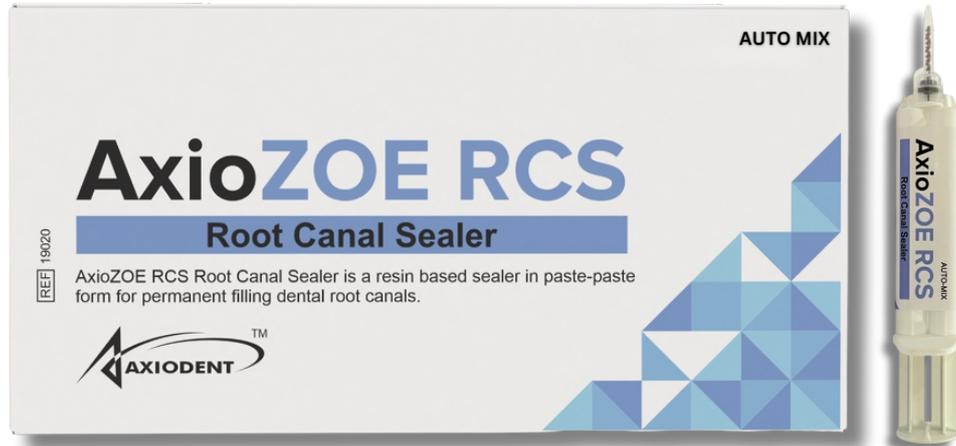
● Product Packaging

- > #19001: Trial Pack: 1 x 1.2g Premixed Syringe, 10 x Applicator Tips, Instruction Manual
- > #19002: Box Pack: 1x 2g Premixed Syringe, 15 x Applicator Tips, Instruction Manual
- > #19003: Pouch Pack: 1x 2g Premixed Syringe, 15 x Applicator Tips, Instruction Manual
- > #19021: Card Pack: 1x 1g Premixed Syringe, 5 x Applicator Tips, Instruction Manual

AxioZOE RCS

ZOE Root Canal Sealer

Two-part, paste-paste zinc Oxide Eugenol based root canal sealer for permanent obturation of root canals.



Technical Data		Standard Applied
1. Working Time	25 - 30 min	ISO 6876
2. Setting Time	45 - 60 min	
3. Radiopacity	3 - 6mm	
4. Solubility	<3.0%	
5. Film Thickness	<50µm	
6. Flow	>17mm	

● Indications

- > Root canal filling of infected root canals
- > Root canal sealing using Gutta – Percha points

● Product Benefits

- > Radio opaque
- > Excellent thermal insulation
- > Excellent lubricating qualities
- > Non – staining and non – irritating
- > Easy manipulation and application

● Composition

- > Base: Zinc oxide Iodoform, Barium Sulfate, Sodium Borate, Bismuth Sub Carbonate, Olive Oil
- > Catalyst: Eugenol, Resin, Silica, Acetic Acid

● Product Packaging

- > #19018 Powder Liquid Pack :
 - 1 x 15g Powder, 1 x 10ml Liquid, 1 x Mixing Pad, 1 x Spoon, 1 x Dropper, 1 x Instruction Manual
- > #19019 Auto Mix Pack :
 - 1 x 15g Automix Cartridge (Base & Catalyst), 20 x Automix Tips, Instructional Manual
- > #19020 Manual Mix Pack :
 - 1 x 15g Manual Cartridge (Base & Catalyst), 1 x Mixing Pad, 1 x Spatula, Instructional Manual

AxioSeal

Root Canal Sealant

Powder & Liquid Zinc Oxide/Eugenol root canal sealant.



Technical Data		Standard Applied
1. Working Time	25 - 30 min	ISO 6876
2. Setting Time	45 - 60 min	
3. Radiopacity	3 - 6mm	
4. Solubility	<3.0%	
5. Film Thickness	<50µm	
6. Flow	>17mm	

● Indications

- > For permanent obturation of the root canal space with Gutta-Percha points.

● Product Benefits

- > Long lasting antiseptic and anti-inflammatory activity
- > Radiopaque
- > Non resorbable

● Composition

- > Powder: Zinc Oxide, Barium Sulfate, Magnesium Stearate, Thymol Iodide
- > Liquid: Eugenol, Spearmint Oil

● Product Packaging

- > #19015 Powder Liquid Kit :
 - 1 x 15g Powder Jar, 1 x 10ml Liquid Bottle, 1 x Spoon, 1 x Mixing Pad, 1 x Dispensing Dropper, Instruction Manual
- > #19016 Powder Liquid Kit :
 - 1 x 20g Powder Jar, 1 x 10ml Liquid Bottle, 1 x Spoon, 1 x Mixing Pad, 1 x Dispensing Dropper, Instruction Manual

AxioSil Putty

Soft Impression Tray Material

Hydrophilic Vinyl Polysiloxane soft putty impression tray material. Regular set: Working time 2-3 min. Setting time 4-5 min. Fast set: Working time 1.20-1.40 min. Setting time 2-3 min.



Technical Data	Regular Set	Fast Set
1. Setting Time	4:00 to 5:00 min	2:00 to 3:00 min
2. Working Time	2:00 to 2:30 min	1:20 to 1:40 min
3. Mixing ratio (Base : Catalyst)	1:1	1:1

● Indications

- > Tray material for crowns, bridges, occlusal and dental implant impressions.

● Product Benefits

- > Extremely smooth
- > Accurate impressions
- > Hydrophilic properties
- > Maximum elastic recovery
- > High elasticity & Tear resistant

● Composition

- > **Base:** Vinyl-Terminated Polydimethyl Siloxane, SIH Capped Polysiloxane, Fillers, Viscosity Modifiers, Pigments, Flavouring Agents and Inhibitors
- > **Catalyst:** Vinyl-Terminated Polydimethyl Siloxane, Titanium Dioxide, Fillers, Platinum Catalyst

● Product Packaging

- > #26001 (Regular Set): 1 x 150 ml Jar Base Paste, 1 x 150 ml Jar Catalyst Paste, 2 x Spoon, Instruction Manual
- > #26002 (Regular Set): 1 x 300 ml Jar Base Paste, 1 x 300 ml Jar Catalyst Paste, 2 x Spoon, Instruction Manual
- > #26016 (Fast Set): 1 x 150ml Jar Base Paste, 1 x 150 ml Jar Catalyst Paste, 2 x Spoon, Instruction Manual
- > #26017 (Fast Set): 1 x 300 ml Jar Base Paste, 1 x 300 ml Jar Catalyst Paste, 2 x Spoon, Instruction Manual

AxioSil Bite Registration

Vinyl Polysiloxane Impression Material, Bite Registration

Vinyl polysiloxane material for taking bite registration.

Regular set: Working time: 0:40 Min, Setting time: 1:30-2:00 min.



Technical Data

1. Setting Time	1:30 to 2:00 min
2. Working Time	40 sec
3. Mixing ratio (Base : Catalyst)	1:1

● Indications

- > To replicate correct intercuspal and centric relationships for crown and bridge, edentulous and implant restorations.

● Product Benefits

- > Good surface detail
- > Easy to remove, trim and finish
- > Requires less application time
- > Dimensional stability and no shrinkage

● Composition

- > **Base:** Vinyl-Terminated PolydimethylSiloxane, SiH Capped Polysiloxane, Fillers, Viscosity Modifiers, Pigments and Inhibitors
- > **Catalyst:** Vinyl-Terminated PolydimethylSiloxane, Fillers, Platinum Catalyst, Viscosity Modifiers.

● Product Packaging

- > #26010: 1 x 50ml Cartridge Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual
- > #26011: 2 x 50ml Cartridge Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual

AxioSil Light Body

Vinyl Polysiloxane Impression Material, Light Body

Hydrophilic Vinyl Polysiloxane light body wash impression tray material.

Regular set: Working time 2-3 min. Setting time 4-5 min.

Fast set: Working time 1.20-1.40 min. Setting time 3-4 min.



Technical Data	Regular Set	Fast Set
1. Setting Time	4:00 to 5:00 min	3:00 to 4:00 min
2. Working Time	2:00 to 2:30 min	1:20 to 1:40 min
3. Mixing ratio (Base : Catalyst)	1:1	1:1

● Indications

- > Impression material for fabrication of crown, bridges, implant procedures using Two step putty-wash impression technique or One step putty-wash impression technique.
- > Reline impressions.
- > Fabricating full or partial dentures

● Product Benefits

- > Hydrophilic
- > Ideal working time
- > Excellent flow properties
- > Optimal intra-oral setting time
- > Good tear strength and dimensional stability.

● Composition

- > **Base:** Vinyl-Terminated Polydimethyl Siloxane, SIH Capped Polysiloxane, Fillers, Viscosity Modifiers, Pigments and Inhibitors
- > **Catalyst:** Vinyl-Terminated Polydimethyl Siloxane, Fillers, Platinum Catalyst, Viscosity Modifiers.

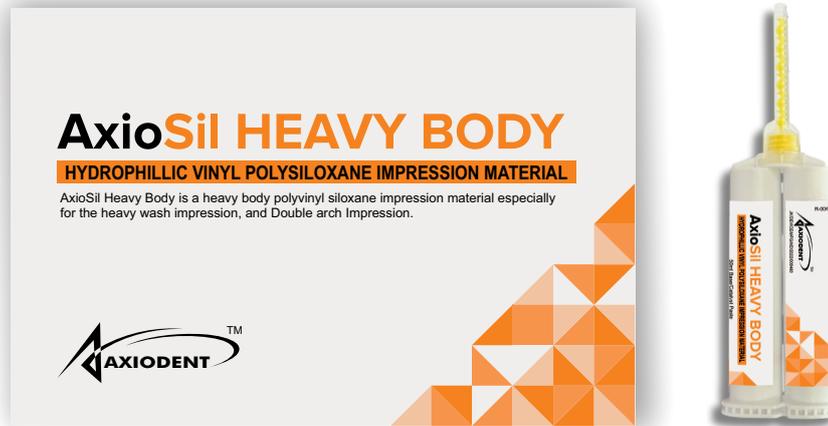
● Product Packaging

- > #26004: (Regular Set): 1 x 50ml Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual.
- > #26005: (Regular Set): 2 x 50ml Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual.
- > #26018: (Fast Set): 1 x 50ml Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual.
- > #26019: (Fast Set): 2 x 50ml Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual.

AxioSil Heavy Body

Vinyl Polysiloxane Impression Material, Heavy Body

AxioSil Heavy body polyvinyl siloxane impression material especially for the heavy wash impression, and Double arch Impression. Regular set: Working time 2-3 min. Setting time 4-5 min. Fast set: Working time 1.20-1.40 min. Setting time 3-4 min.



Technical Data	Regular Set	Fast Set
1. Setting Time	4:00 to 5:00 min	3:00 to 4:00 min
2. Working Time	2:00 to 2:30 min	1:20 to 1:40 min
3. Mixing ratio (Base : Catalyst)	1:1	1:1

● Indications

- > Impressions used for the fabrication of indirect restorations (crowns, bridges, inlays, onlays and veneers)
- > Dental implant impressions
- > Matrix for wax-ups and treatment planning, study models
- > Edentulous impressions
- > Matrix used to create temporary restorations
- > Bite registrations

● Product Benefits

- > Excellent dimensional stability
- > Accurate reproduction of details
- > Adequate working and setting time
- > Choice of material for heavy wash & double arch impressions

● Composition

- > Base: Vinyl-Terminated Polydimethyl Siloxane, SIH Capped Polysiloxane, Vinyl MQ Resin, Fillers, Viscosity Modifiers, Pigments and Inhibitors
- > Catalyst: Vinyl-Terminated Polydimethyl Siloxane, Fillers, Platinum Catalyst, Viscosity Modifiers.

● Product Packaging

- > #26012: (Regular Set): 1 x 50ml Cartridge Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual
- > #26013: (Regular Set): 2 x 50ml Cartridge Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual
- > #26014: (Fast Set): 1 x 50ml Cartridge Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual
- > #26015: (Fast Set): 2 x 50ml Cartridge Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual

AxioSil Monophase

Vinyl Polysiloxane Impression Material, Monophase

Medium monophase body vinyl polyvinyl siloxane impression material for one-step, impression techniques. Regular set: Working time 2-3 min. Setting time 4-5 min.

Fast set: Working time 1:20-1:40 min. Setting time 3-4 min.



Technical Data	Regular Set	Fast Set
1. Setting Time	4:00 to 5:00 min	3:00 to 4:00 min
2. Working Time	2:00 to 2:30 min	1:20 to 1:40 min
3. Mixing ratio (Base : Catalyst)	1:1 5:1	1:1 5:1

● Indications

- > Functional impressions.
- > Fabricating crown and bridgework or inlays.
- > Fabricating full or partial dentures
- > Reline Impressions
- > Transferring root posts when fabricating posts & cores indirectly.

● Product Benefits

- > Precise and void free impressions
- > Good flow delivers great detail reproduction
- > Economical and accurate dispensing of material
- > Less distortion during removal from the mouth due to snap set properties

● Composition

- > Base: Vinyl-Terminated PolydimethylSiloxane, SiH Capped Polysiloxane, Fillers, Viscosity Modifiers, Pigments and Inhibitors
- > Catalyst: Vinyl-Terminated PolydimethylSiloxane, Fillers, Platinum Catalyst and Viscosity Modifiers.

● Product Packaging

- > #26006: (Regular Set): 1 x 50ml Cartridge Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual
- > #26007: (Regular Set): 2 x 50ml Cartridge Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual
- > #26008: (Fast Set): 1 x 50ml Cartridge Base/Catalyst Paste, 5 x Mixing Tips, Instruction Manual
- > #26009: (Fast Set): 2 x 50ml Cartridge Base/Catalyst Paste, 10 x Mixing Tips, Instruction Manual

AxioWhite

Advanced Zero Sensitivity Tooth Whitening System

State-of-the-art, 35% Carbamide Peroxide teeth whitening non-sensitivity, gel formula.



Technical Data

1. pH	7 - 8
2. Consistency	25 - 30 mm

● Indications

- > Gentle and permanent whitening of teeth in cases of staining due to medication, fluorosis, food, tobacco and ageing

● Product Benefits

- > Zero sensitivity formula
- > Thick consistency gel
- > 35% Carbamide Peroxide formula
- > Safe and gentle optimized pH

● Composition

- > Carbamide Peroxide, Thickening Agent, Glycerine, Desensitizing Agent and Flavouring Agent

● Product Packaging

- > #28008: Intro Pack: 1 x 2ml Dispensing Pen (16%), Instruction Manual
- > #28009: Regular Pack: 2 x 2ml Dispensing Pen (16%), Instruction Manual
- > #28010: Intro Pack: 1 x 2ml Dispensing Pen (22%), Instruction Manual
- > #28011: Regular Pack: 2 x 2ml Dispensing Pen (22%), Instruction Manual
- > #28012: Intro Pack: 1 x 2ml Dispensing Pen (35%), Instruction Manual
- > #28013: Regular Pack: 2 x 2ml Dispensing Pen (35%), Instruction Manual

AxioBase

Pink Shellac Base Plates

Maxillary & Mandibular shellac plates



Technical Data

1. Appearance	Pink color
2. Thickness	1.25 to 1.33 mm

● Indications

- > Custom impression trays for impressions of edentulous jaws
- > Manufacturing of wax bite registration templates
- > Modelling work

● Product Benefits

- > Retains heat for a prolonged time
- > High quality shellac for perfect results
- > Easily adaptable and shape stability after cooling down
- > High mechanical strength
- > No adhesion to model material or castings

● Composition

- > Shellac, Fillers, Additives, Pigments and Excipients

● Product Packaging

- > #28020: 10 upper/lower in a mono box available in thickness: 1.3mm (Colors: Pink), Instruction manual

AxioPrint Surgical Guide

3D Printing Resin for Fabrication of Surgical Guide

AxioPrint Surgical Guide is a high precise and more accurate 3D printing material used for fabrication of templates for implant surgery. The material is biocompatible and fulfills Class I requirements. The high accuracy in printing enables easy pilot drilling after printing. The material is designed to print at 25 micron - 100 micron using LCD/DLP printers. Available in Clear Transparent Appearance.



Technical Data

1. Flexural Strength	≥ 50 MPa
2. Flexural Modulus	≥ 1000 MPa

● Indications

- > It is a photopolymer resin used for 3D printing dental surgical guides to aid in dental implant placement procedures.
(For a list of validated printers, please write to info@axiodent.com)

● Product Benefits

- > Autoclavable
- > Fast printing
- > High flexural strength
- > Easy chemical disinfection
- > Clear and nice aesthetic appearance

● Composition

- > Methacrylates, Photo-initiator, Inhibitor and Fillers

● Product Packaging

- > #27020 : 1 x 250g Bottle
- > #27003 : 1 x 500g Bottle
- > #27004 : 1 x 1000g Bottle

AxioPrint Burn Out

3D Printing Resin for Fabrication of Dental Casting

AxioPrint Burn Out 3D Resin is an easy burnout material for printing cast crowns, bridges, and frameworks of all kinds. The printed material can be burned out without leaving any residue. The speciality of material is accurate fitting with smooth production sequence and reproducible results. The material is designed to print at 25 micron - 100 micron using LCD/DLP printers. Available in Violet color.



Technical Data

1. Flexural Strength	≥ 50MPa
2. Residual Ash Content	≤ 0.1% at 700°C

● Indications

- > It is used for 3D printing of burn out frames in casting of partial dentures, crowns and bridges, inlays, onlays and veneers.
(For a list of validated printers, please write to info@axiodent.com)

● Product Benefits

- > Easy to work and accurate
- > Suitable for casting copings, substructures, crowns, and more
- > Burns clean with no residue left after burnout

● Composition

- > Functional (Meth)acrylic resins, Photoinitiators and Pigments

● Product Packaging

- > #27019 : 1 x 250g Bottle
- > #27011 : 1 x 500g Bottle
- > #27012 : 1 x 1000g Bottle

AxioPrint Model Pro

3D Printing Resin for Fabrication of Models

AxioPrint Model Pro resin is a way forward in 3D printing more accurate and highly precised model base and dies with easy fitting and easy attachment of crowns and bridges. The material is designed with high flexural strength and more heat resistance. The material is designed to print at 25 micron - 100 micron using LCD/DLP printers.

AxioPrint Model Pro prints models with high quality and odor free properties. Available in Tan color.



Technical Data

1. Flexural Strength	≥55 Mpa
2. Flexural Modulus	≥2.5 GPa

● Indications

- > It is used for fabrication of 3D crown and bridge models, orthodontic models, diagnostic models and implant analog models.
(For a list of validated printers, please write to info@axiodent.com)

● Product Benefits

- > High Flexural strength and modulus
- > Fast printing speed
- > Easy to separate from thermoforming materials
- > Color contrast models for maximum visibility of small details

● Composition

- > Methacrylates, Photo-initiator, Inhibitor and Pigment.

● Product Packaging

- > #27022 : 1 x 250g Bottle
- > #27023 : 1 x 500g Bottle
- > #27024 : 1 x 1000g Bottle

AxioPrint C&B-Interim

Tooth colored dental glass filled hybrid material for 3D print temporary crowns, inlays, onlays and veneers

AxioPrint C&B, Interim resin is biocompatible and fulfills Class II requirements. This 3D printing material is composed of inorganic fillers which gives high flexural and compressive strength. The print is easy to finish and polish and gives excellent aesthetics matching existing teeth. The speciality of material is accurate fitting with smooth production sequence and reproducible results. It is recommended to cement the interim crown using a non-eugenol temporary luting cement.



Technical Data	
1. Flexural Strength	≥100 MPa
2. Flexural Modulus	≥3333 MPa
3. Compressive Strength	≥150 MPa
4. Water sorption	3 - 4.5µg/mm ³
5. Water solubility	0.5 - 1.8µg/mm ³

● Indications

- > It is used for fabrication of 3D printed temporary crown and bridge restorations, inlays, onlays and veneers.
(For a list of validated printers, please write to info@axiodent.com)

● Product Benefits

- > Low water absorption tendency reduces aging and discoloration
- > Smooth surface so low plaque accumulation
- > Low cold and heat sensitivity
- > Fluorescence resembles natural teeth
- > Excellent aesthetics
- > High flexural and compressive strength

● Composition

- > Methacrylates, Photo-initiator, Inhibitor and Pigment.

● Product Packaging

SHADE	PACKING		
A1	#27015 : 1 x 250g Bottle, Instruction Manual	#27005 : 1 x 500g Bottle, Instruction Manual	#27006 : 1 x 1000g Bottle, Instruction Manual
A2	#27055 : 1 x 250g Bottle, Instruction Manual	#27025 : 1 x 500g Bottle, Instruction Manual	#27029 : 1 x 1000g Bottle, Instruction Manual
A3	#23056 : 1 x 250g Bottle, Instruction Manual	#23026 : 1 x 500g Bottle, Instruction Manual	#27030 : 1 x 1000g Bottle, Instruction Manual
B1	#27057 : 1 x 250g Bottle, Instruction Manual	#27027 : 1 x 500g Bottle, Instruction Manual	#27031 : 1 x 1000g Bottle, Instruction Manual
B2	#23058 : 1 x 250g Bottle, Instruction Manual	#23028 : 1 x 500g Bottle, Instruction Manual	#27032 : 1 x 1000g Bottle, Instruction Manual
Bleach	#27059 : 1 x 250g Bottle, Instruction Manual	#27049 : 1 x 500g Bottle, Instruction Manual	#27050 : 1 x 1000g Bottle, Instruction Manual

AxioPrint C&B Permanent

Tooth-colored, glass filled, hybrid resin for the 3D printing of crowns, inlays, onlays and veneers

AxioPrint C&B Permanent resin is bio-compatible and exceeds the American Dental Association's requirements and can be billed under the ADA's, CDT code D2710. The material provides accurate fitting with smooth production sequence and reproducible results. For cementation we recommend AxioBond MDP bonding agent and a dual curing resin cement.



Technical Data

1. Flexural Strength	≥140 Mpa
2. Flexural Modulus	≥5000 MPa
3. Compressive Strength	≥250 MPa
4. Water sorption	< 1mg/mm ³
5. Water solubility	0.5 - 1.8µg/mm ³

● Indications

- > It is used for the fabrication of 3D printed permanent crown and bridge restorations, inlays, onlays and veneers. (For a list of validated printers, please write to info@axiodent.com)

● Product Benefits

- > Low water absorption tendency reduces aging and discoloration
- > Smooth surface so low plaque accumulation
- > Low cold and heat sensitivity
- > Fluorescence resembles natural teeth
- > Excellent aesthetics
- > High flexural and compressive strength

● Composition

- > Methacrylates, Photo-initiator, Inhibitor and Pigment.

● Product Packaging

SHADE	PACKING		
A1	#27016 : 1 x 250g Bottle, Instruction Manual	#27007 : 1 x 500g Bottle, Instruction Manual	#27008 : 1 x 1000g Bottle, Instruction Manual
A2	#27060 : 1 x 250g Bottle, Instruction Manual	#27033 : 1 x 500g Bottle, Instruction Manual	#27037 : 1 x 1000g Bottle, Instruction Manual
A3	#23061 : 1 x 250g Bottle, Instruction Manual	#23034 : 1 x 500g Bottle, Instruction Manual	#27038 : 1 x 1000g Bottle, Instruction Manual
B1	#27062 : 1 x 250g Bottle, Instruction Manual	#27035 : 1 x 500g Bottle, Instruction Manual	#27039 : 1 x 1000g Bottle, Instruction Manual
B2	#23063 : 1 x 250g Bottle, Instruction Manual	#23036 : 1 x 500g Bottle, Instruction Manual	#27040 : 1 x 1000g Bottle, Instruction Manual
Bleach	#27064 : 1 x 250g Bottle, Instruction Manual	#27051 : 1 x 500g Bottle, Instruction Manual	#27052 : 1 x 1000g Bottle, Instruction Manual

AxioPrint C&B Ceramic

Nano Ceramic Filled material for High Flexural & Compressive strength

AxioPrint C&B, Ceramic is a hybrid, nano-ceramic material with a ceramic filler content in excess of 50%; fulfilling ADA's CDT D2740 code for permanent, 3D-printed restorations. This 3D Ceramic material is specifically developed for maximum flexural & compressive strength. The material provides accurate fitting with smooth production sequence and reproducible results. For cementation we recommend AxioBond MDP bonding agent and a dual curing resin cement.



Technical Data

1. Flexural Strength	≥190 MPa
2. Flexural Modulus	> 6333 MPa
3. Compressive Strength	≥ 320 Mpa
4. Water sorption	3 - 4.5µg/mm ³
5. Water solubility	0.5 - 1.8µg/mm ³

● Indications

- > It is used for the fabrication of 3D printed permanent crown and bridge restorations, inlays, onlays and veneers. (For a list of validated printers, please write to info@axiodent.com)

● Product Benefits

- > Low water absorption tendency reduces aging and discoloration
- > Smooth surface so low plaque accumulation
- > Low cold and heat sensitivity
- > Fluorescence resembles natural teeth
- > Excellent aesthetics
- > High flexural and compressive strength
- > Radiopaque for clear visibility of restorations on radiographs

● Composition

- > Methacrylates, Photo-initiator, Inhibitor and Pigment.

● Product Packaging

SHADE	PACKING		
A1	#27017 : 1 x 250g Bottle, Instruction Manual	#27013 : 1 x 500g Bottle, Instruction Manual	#27014 : 1 x 1000g Bottle, Instruction Manual
A2	#27065 : 1 x 250g Bottle, Instruction Manual	#27041 : 1 x 500g Bottle, Instruction Manual	#27045 : 1 x 1000g Bottle, Instruction Manual
A3	#23066 : 1 x 250g Bottle, Instruction Manual	#23042 : 1 x 500g Bottle, Instruction Manual	#27046 : 1 x 1000g Bottle, Instruction Manual
B1	#27067 : 1 x 250g Bottle, Instruction Manual	#27043 : 1 x 500g Bottle, Instruction Manual	#27047 : 1 x 1000g Bottle, Instruction Manual
B2	#23068 : 1 x 250g Bottle, Instruction Manual	#23044 : 1 x 500g Bottle, Instruction Manual	#27048 : 1 x 1000g Bottle, Instruction Manual
Bleach	# 27069 : 1 x 250g Bottle, Instruction Manual	# 27053 : 1 x 500g Bottle, Instruction Manual	# 27054 : 1 x 1000g Bottle, Instruction Manual



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