Cartalogue_52P_08242010.8.2611:55AM페이지1 CTP-12400DPI175LPIT

http://Shetak.com

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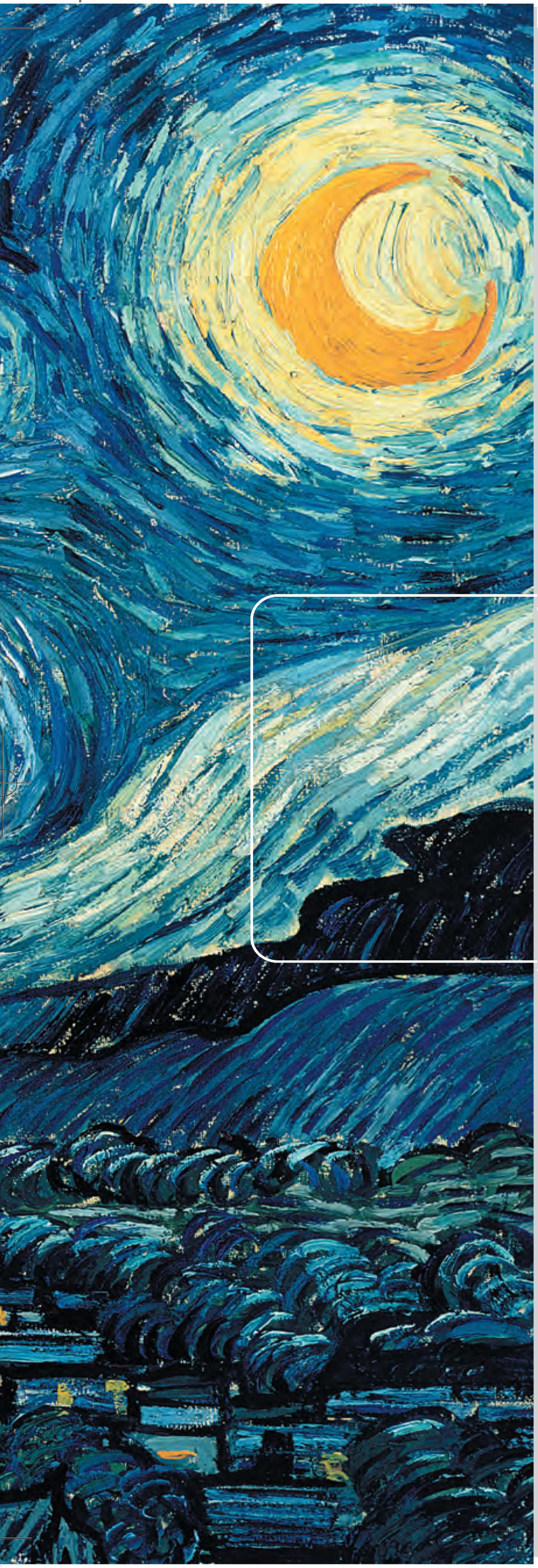
2010-2011 SPIDENT
General Catalogue Vol. 5

You're the Artist

Not Only Dentist

SPIDENT



You're the Artist

Not Only Dentist

SPIDENT

There are hands of an artist which
create something unimaginable.
When the hands of the artist do for people's sake,
it could be more valuable.

You are the artist , not only dentist when
you take care of people.
SPIDENT will be your partner with passion.

"I feel that there is nothing more truly artistic than to love people."
- Vincent van Gogh

You're the Artist

I N D E X

GMP CE 0120 FDA


Articles of the SPIDENT

Happiness Maker

The 'SPIDENT CO., LTD.' has always thinking the Customers' Happiness as the best aim and we are operating all the process of R&D. design, production marketing, services based for 100% Customers' satisfaction.

Temporary Materials

Temp·it™

Light-Curing Temporary Filling Material

- Simple to apply : non-sticky placement

dvantages

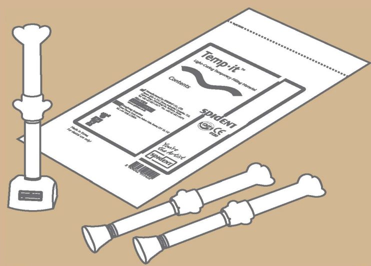
- Easy to remove in one piece
- Suitable for inlays and onlays
- Durable and tight marginal seal
- Two different shades : Tooth, Blue

1. Available for filling Implant-screw fo
2. Application of single temporary crown

Contents

Temp • it : 3g x 3syringes

Temp • it blu : 3g x 3syringes



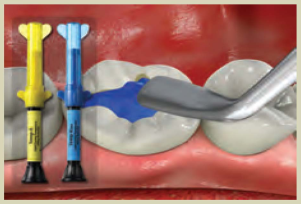
Temp · it is a light-curing elastic material for temporary restorations.

It has advantages of easy removal in one piece without damage to preparation boundaries.

Temp · it is suitable for long-term temporaries by maintaining the shape of tooth.

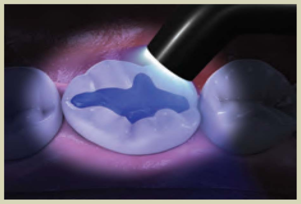
Application

1. Prepare a cavity (Rinse & Dry)



2. Select a shade

3. Apply Temp · it

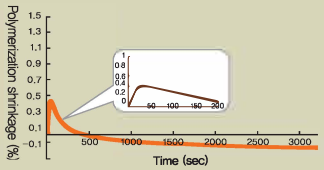


4. Light-cure for 10 seconds

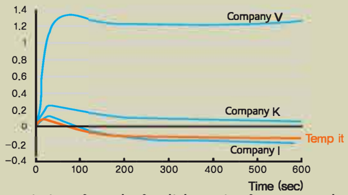
5. 7 days later

6. Remove Temp · it with a suitable instrument

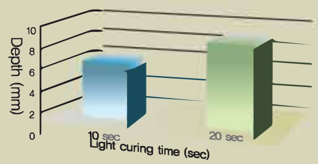
Physical Properties



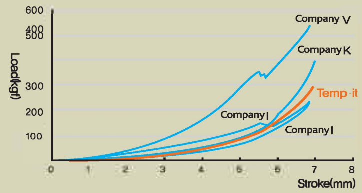
Variation of Graph after light-curing for 10 seconds



Variation of Graph after light-curing for 10 seconds



Depth of Polymerization



DTS

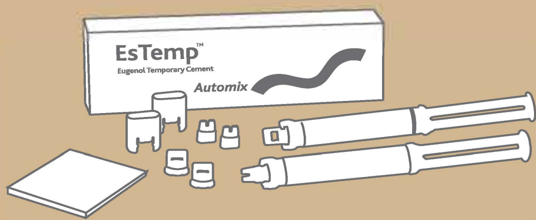
EsTemp™

Non-Eugenol
Eugenol

Temporary Cement

Advantages
- Easy mix & loss-zero syringe type
- Possible to use Auto-mixing tip
- Esthetic look & Lemon-flavored
- Low Film Thickness Values (≤8㎛)
- Enough flowability and Easy removal
- Working time :≒ 1m 30sec.
- Setting time : ≒ 5min.

Contents
- EsTemp NE (Non-Eugenol) :
  10g x 2syringes, Mixing Pad, Eco Tip
- EsTemp (Eugenol) :
  10g x 2syringes, Mixing Tip, Eco Tip



EsTemp is a temporary cement product series consisting of EsTemp & EsTemp NE. Each Item is designed to be suitable for various applications such as temporary crowns and bridges or trial cementation for permanent restoration.

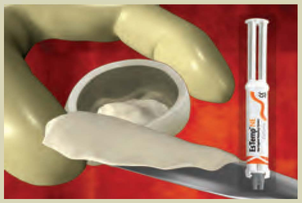
EsTemp is a zinc oxide eugenol temporary cement and EsTemp NE is a zinc oxide non-eugenol temporary cement.

Application

1. Prep a cavity

2. Select the type

3. Mix equal amount of Base and Catalyst

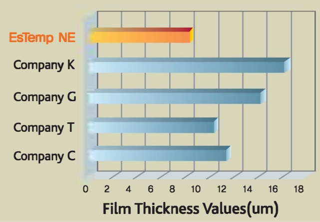


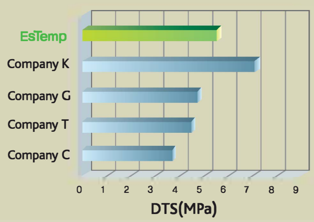
4. Apply EsTemp(NE) and place the temporary crown

5. Check the occlusion and then remove excess material

6. Finish the restoration

Physical Properties





Application of Eco Tip (Loss Zero)

EsTemp™ Implant

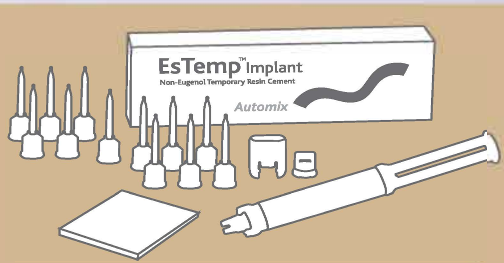
Temporary Resin Cement

Advantages

- Easy mix & loss-zero syringe type
- Flows and mixes easily
- High Bonding Strength
- Easy to remove
- Working Time : ≒ 1min 30sec.
- Setting Time : ≒ 5min in the mouth

Contents

EsTemp Implant Cement :
8g x 1syringe, Mixing Pad, Eco Tip, Mixing Tips



EsTemp Implant is a kind of temporary resin cements and is designed to be suitable for various applications such as cementing for temporary crowns, bridges, inlays, onlays and splints.

Application

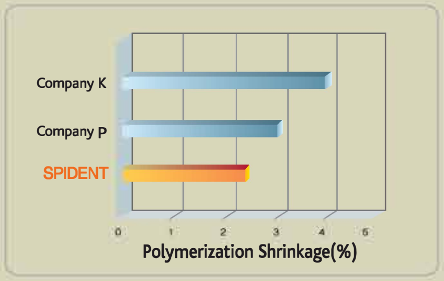
1. Implant operation

2. Apply EsTemp Implant and place temporary crown

3. Check occlusion and then remove excess material

4. Finish the restoration

Physical Properties



Application of Auto mixing Tip

Comfortable & Convenient

We are trying to realize all the products for "Comfortable & Convenient" in price, quality and service where dentists and hygienists could be satisfied.

Restorative Materials

- FineEtch
- DeSen
- Core · it Dual
- EsCom100
- EsBond
- EsFlow
- Base · it
- Seal · it

FineEtch™

Etching Gel

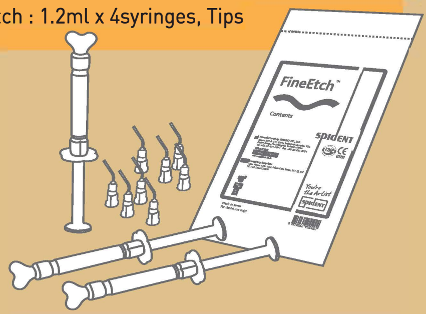
Advantages

- Contains bio-compatible polymeric materials
- Completely residue-free after water- spray
- Can be placed exactly wherever needed because of excellent viscosity

Contents

FineEtch : 5ml x 3syringes, Tips

FineEtch : 1.2ml x 4syringes, Tips



Desen™

Desensitizer Agent

Contents

DeSen : 5ml x 1bottle

FineEtch contains 37% phosphoric acid and supplies semi-gel consistency for ideal applications. FineEtch effectively removes smear layers and enhancing the bonding between tooth and restorative material.

Application


1. Prepare a cavity


2. Apply FineEtch


3. Rinse thoroughly with water spray

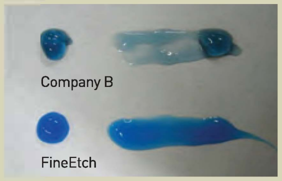

4. Air dry

Effect

Application at Dentin


Before


After



DeSen

DeSen is good for biocompatibility, excellent hydrophilic agent.
It is used for efficient desensitizing agent.

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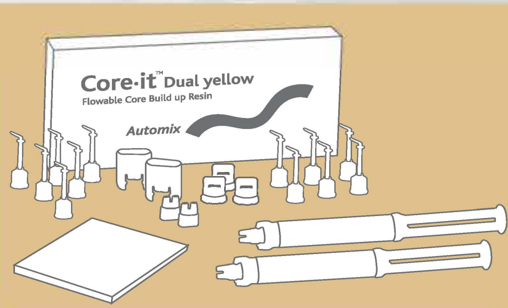
Core·it™ Dual

Flowable Core Build up Resin

Advantages
- Easy to handle
- Cuts like dentin
- High compressive strength
- 2 color : Blue & Yellow(Tooth color)
- Enough flowability, high bonding strength
- Dual Cure(Light Cure and Self cure)
- Working time : ≒ 1min 30sec.
- Setting time : ≒ 4min in a mouth

Contents

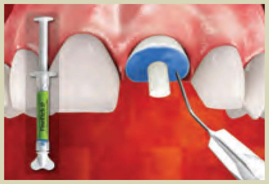
Smart type(Syringe):
10g x 2syringes, Mixing Pad, Eco Tip, Mixing Tips



Core • it is a dual-cured composite material for use in the fabrication of core build-ups and build up fillings. Core • it has excellent physical properties and can be easily applied onto the tooth.

Application

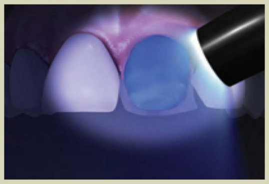

1. Post try-in


2. Etch according to your preferred technique.


3. Rinse and dry


4. Apply suitable bond

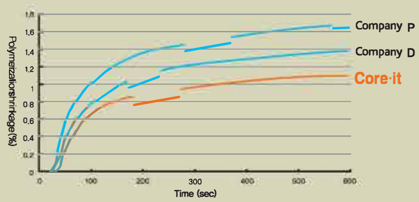

5. Apply Core.it Dual directly into the cavity.


6. Light-cure (20 sec), or Self-curing (4 min)


7. Polishing


8. Finish the Restoration

Physical Properties



Polymerization Shrinkage upon real curing time

Cartridge type

Contents

Cartridge type (Automix) : 1ea(Base 25g + Catalyst 25g)

EsCom100™

Light-Cured Restorative Composite Resin

Advantages

- Restoration in class I~V
- High strength and polishability
- Easy to handle, non-sticky, excellent ability to hold shape
- Strong and durable
- Low polymerization shrinkage
- Excellent matching with natural tooth
- Radiopaque
- Available in 5 shades: A1, A2, A3, A3.5, B2 (syringe)

Contents

EsCom100 Kit :

EsCom100 4g x 5syringes (A1, A2, A3, A3.5, B2)
FineEtch 5ml x 1syringe, 4Tips,
EsBond 5ml x 1bottle, Tip Holder, Dispensing Dish,
Micro Tip Application 30ea

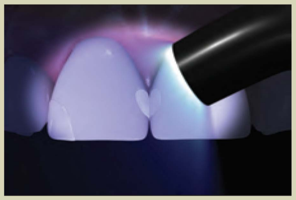
Escom100 is a light-cured restorative Nano-Hybrid composite resin for posterior and anterior restorations.

Application

1. Select the shade after applying EsBond

2. Prepare a cavity

3.Apply EsCom100



4. Light-cure for 20 seconds

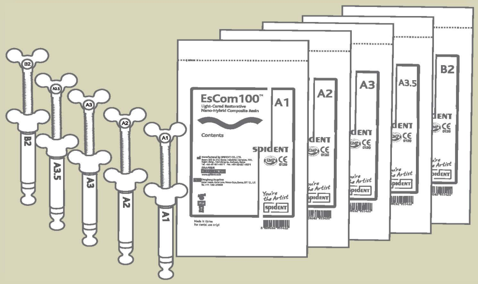
5. Check the occlusion and polish

6. Finish the restoration

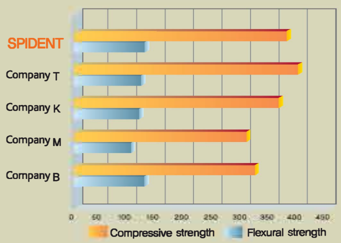
EsCom100 Refill

Contents

EsCom100 Refill A1 : 4g x 1syringe
EsCom100 Refill A2 : 4g x 1syringe
EsCom100 Refill A3 : 4g x 1syringe
EsCom100 Refill A3.5 : 4g x 1syringe
EsCom100 Refill B2 : 4g x 1syringe



Physical Properties



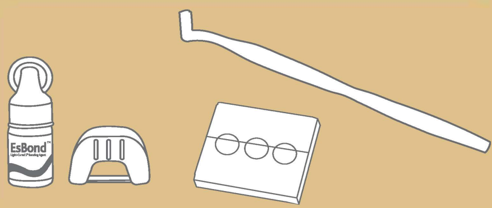
Bonding Strength(MPa)

EsBond™

Light-cured 5^{th} Bonding Agent

Advantages
- Direct light-curing restorations
- High bonding strength
- Wet Bonding system
- Novel adhesive monomer
- Hygienic single-dose unit
- Long-lasting restorations

Contents
EsBond Kit :
5ml x 1bottle, Tip Holder,
Dispensing Dish,
Micro Tip Application x 30ea



EsBond is 5th generation Bonding agent that provides high bonding strengths in a convenient single bottle application. That single component bonding agent is designed to bond all classes of direct composite restorations to dentin, enamel, as well as composite, treated porcelain and set amalgam.

Application

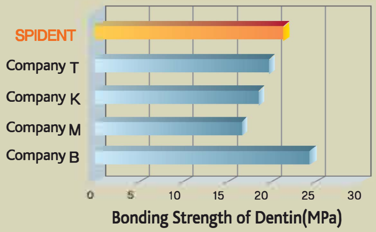
1. Apply EsBond


2. Airdry


3. Light-Cure for 20 seconds


4. Place the EsFlow or EsCom100

Physical Properties



EsBond Refill

Contents

EsBond Refill : 5ml x 1bottle

EsFlow™

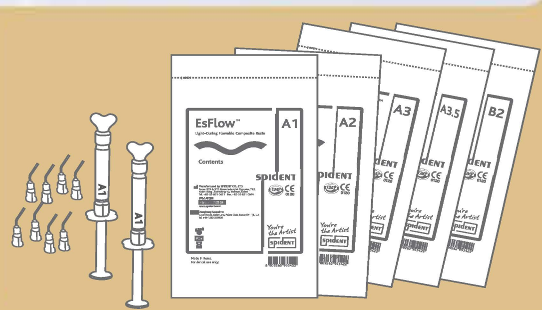
Light-Curing Flowable Composite Resin

Advantages

- Restoration in class Ⅲ~V
- Deep Class Ⅰ applicable
- Usable in orthodontics
- Easy to adhere to bracket for orthodontics
- Low polymerization shrinkage
- High strength and polishability
- Similar modulus of elasticity with dentine
- Radiopaque
- Available in 5 shades: A1, A2, A3, A3.5, B2 (syringe)

Contents

EsFlow A1 : 2g x 2syringes, Tips
EsFlow A2 : 2g x 2syringes, Tips
EsFlow A3 : 2g x 2syringes, Tips
EsFlow A3.5 : 2g x 2syringes, Tips
EsFlow B2 : 2g x 2syringes, Tips



EsFlow uses various sized nano-fillers and high molecular weighted Urethane Methacrylate monomer. It makes EsFlow have superior compressive strength and lower polymerization shrinkage upon curing. EsFlow is appropriate for anterior and posterior restorative and preventive treatment.

Application

1. Prepare a cavity and select the shade

2. Apply FineEtch and EsBond

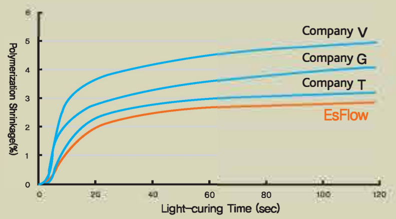

3. Apply EsFlow


5. Check the occlusion and polish

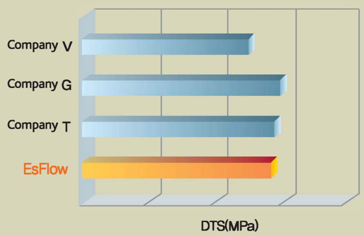

6. Finish the restoration

4. Light-cure 20 seconds

Physical Properties



Polymerization Shrinkage upon real curing time



Diametral Tensile Strength(DTS)

Base·it™

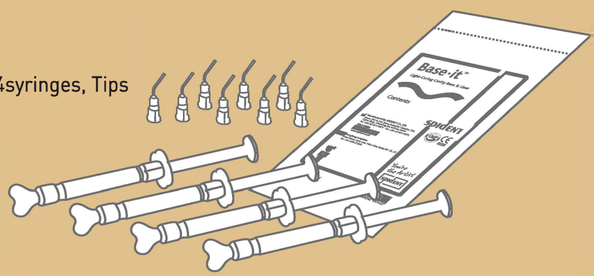
Light-Curing Base & Liner

Advantages

- Light Curing Base & Liner containing Calcium Hydroxyapatite
- Low polymerization shrinkage
- Secondary dentin formation and excellent cariostatic properties by releasing Calciumion, Hydroxy ion and phosphateion
- Excellent chemical bond by containing biocompatible monomer
- Superior strength comparing with the glass ionomer base
- Radiopaque

Contents

Base·it : 2g x 4syringes, Tips

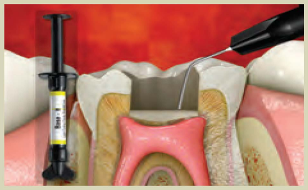


Base • it contains Calcium Hydroxyapatite in Urethane methacrylate oligomer.
It makes Base • it to reduce the pulp irritation and to have low polymerization shrinkage.
Base • it stimulates secondary dentin formation by releasing Calciumion, Hydroxyion and phosphateion. Base • it has cariostatic properties and excellent adhesion strength on teeth.

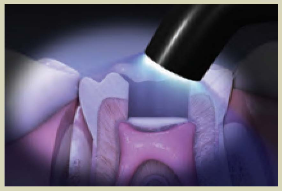
Application

1. Prepare a cavity

2. Rince and dry



3. Apply Base • it (If necessary, apply the EsBond first)

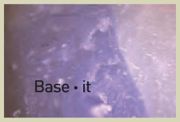


4. Light-cure for 20 seconds

5. Place the restorative materials

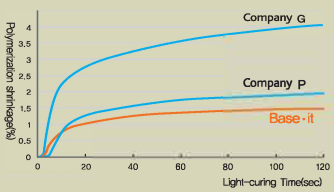
Effect

1) Results by X-ray
Left : Base-Liner of A company
Right : Base • it

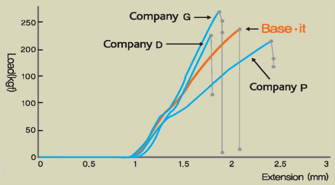


2) Pictures of fractured surface between Base-Liner and Dentin by Electron microscope
- Excellent bonding strength between Base • it and Dentin.

Physical Properties



Polymerization Shrinkage



Diametral Tensile Strength graph(DTS)

Seal·it™

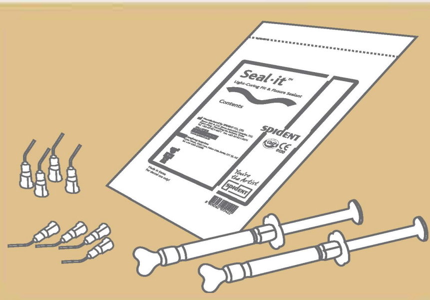
Light-Curing Pit & Fissure Sealant

Advantages

- Fast and safe application
- Low polymerization shrinkage
- High bonding strength
- Appropriate viscosity

Contents

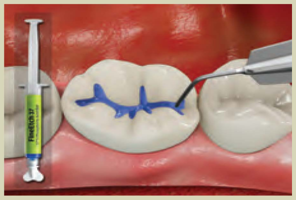
Seal·it : 1.2ml x 2syringes



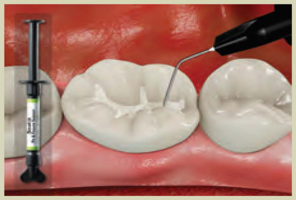
Seal · it is a light-curing dental material designed for sealing the enamel pit & fissure of teeth. It has the excellent characteristics of the bonding strength, low polymerization shrinkage and abrasion resistance, suitable viscosity with the Nano filler.

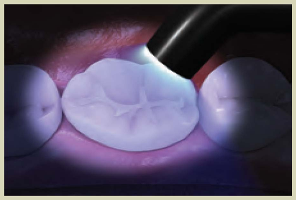
Application


1. Prepare a cavity


2. Apply FineEtch


3. Rinse and dry


4. Apply Seal · it

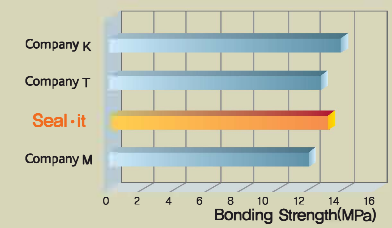

5. Light-cure for 20sec.


6. Finish

Effect

Distinguishable by opaque Shade

Physical Properties



Adhesion to enamel

The World Best Products

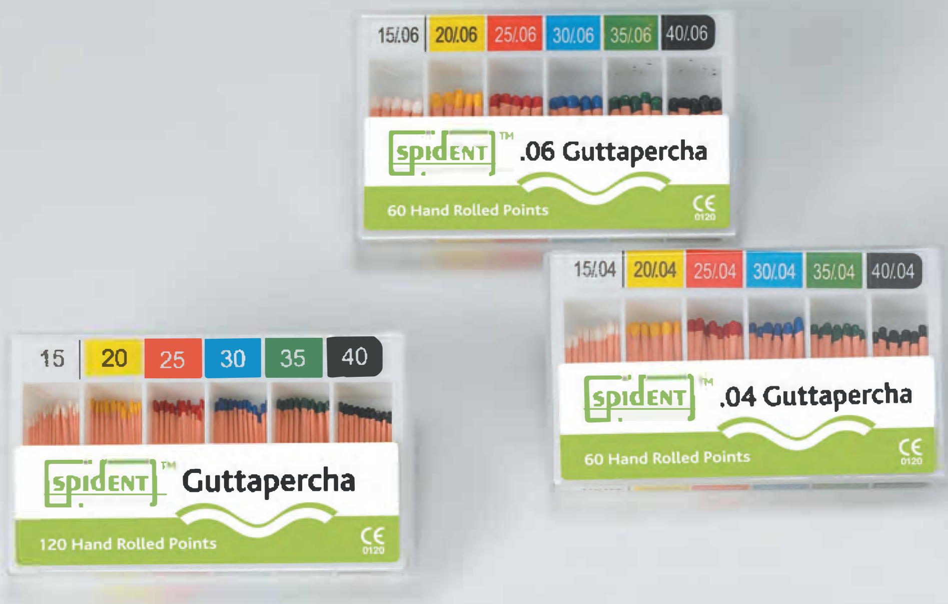
- Core · it (Core Build Up Resin)
  Dual Cure (Light &Self cure) Type
- Temp · it (Light-Curing Temporary Filling Material)
  Easy to remove in one piece
  - Es Temp Resin Implant temporary Ce(Temporary ment for Ilmplant mplant Cement)

Endodontic Materials

- Guttapercha Points
- PaperPoints
- SoftPrep

SPIDENT™ Guttapercha

SPIDENT Guttapercha Points



Advantages

- Excellent radiopaque
- Exact standardization according to ISO 6877, color coded ends
- Stiff but flexible enough for easy filling into the canal
- Uniformly hand-rolled and non-distoring crimped
- 28mm length

Other packages -
Endo Aide

It is comprehensive package from No.15 to No.80 and divided 12 compartments to use conveniently the most precise and resilient product available.

SPIDENT Guttapercha Points are precise hand-rolled to the most exact standards and are the most precise and resilient product available.

Available Size

Guttapercha Points

Division	Size	Useful Packing
ISO Type	15 20 25 30 35 40 45 50 55 60 70 80	120 Points/Box
	90 100 110 120 130 140	60 Points/Box
0.04 Taper Size	15/.04 20/.04 25/.04 30/.04 35/.04 40/.04 45/.04	60 Points/Box
0.06 Taper Size	15/.06 20/.06 25/.06 30/.06 35/.06 40/.06 45/.06	

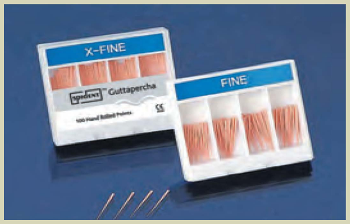
Accessary Cone

Division	Size	Useful Packing
Regular Type	X-Fine, F-Fine, M-Fine, Fine, F-Medium, Medium	100 Points/Box
	Large	48 Points/Box
Japaness Type	F-Small, F-Medium, F-Large, Small, Medium, Large	120 Points/Box

Vial Box

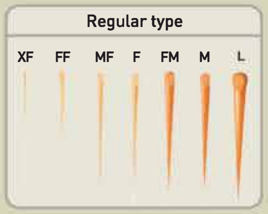
Darby Box

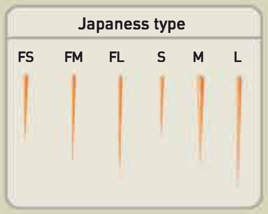
MP Box



DeTray Box

Actual Size





SPIDENT™ PaperPoint

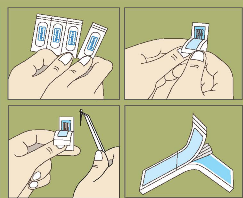
SPIDENT PaperPoints

Advantages

- Sterilized by gamma x-ray
- Exact standardization according to ISO 7551, color coded ends
- Flexibility with firmness for easy introduction into the canal
- Highly absorbent
- Stiff but flexible enough for easy filling into the canal
- Uniformly hand-rolled and non-distoring crimped
- 28mm length

Other packages - Cell Pack

Each piece is packed for sanitary and cleanliness. Contained total 200 points and 5 pieces per pack.



SPIDENT PaperPoints are made from highly absorbent paper.
Every point is hand-rolled to ensure precision and to avoid curving or bending.

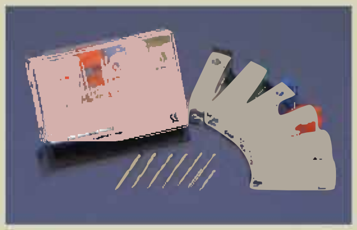
Available Size

PaperPoints

Division	Size	Useful Packing
ISO Type	15 20 25 30 35 40 45 55 60 70 80	200 Points/Box
	90 100 110 120 130 140	100 Points/Box
0.04 Taper Size	15/.04 20/.04 25/.04 30/.04 35/.04 40/.04 45/.04	100 Points/Box
0.06 Taper Size	15/.06 20/.06 25/.06 30/.06 35/.06 40/.06 45/.06	

Accessary Points

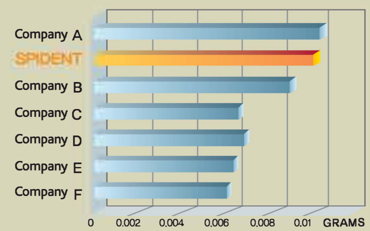
Division	Size	Useful Packing
J&J Type	X-Fine, Fine, Medium, Coarse, X-Coarse	200 Points/Box (5×40)



Vial Box

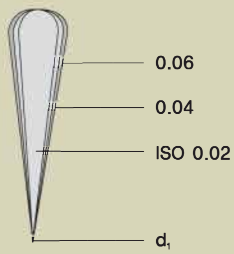
Darby Box

Physical Properties



COMPARATIVE ABSORPTION OF PAPER POINTS, BY BRAND

Shape



SoftPrep™

Root Canal Preparation EDTA Cream

Advantages

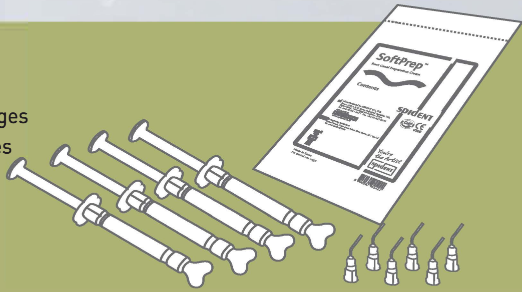
17% EDTA in a water soluble base

- Lubricating to minimize the binding and breaking of files
- Chelating and removing calcification

Contents

SoftPrep : 1.5g x 4syringes

SoftPrep : 6g x 2syringes



SoftPrep is a 17% EDTA for lubricant and chelating in root canal.
SoftPrep makes smooth binding and prevents the files from being broken.
The water soluble base makes no residue and easily removes calcifications.

Application


1. Prepare a cavity

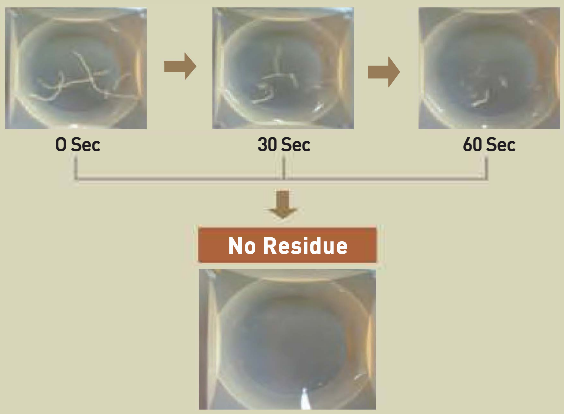

2. Apply SoftPrep into the root canal

Or


2. Apply SoftPrep on the file

Physical Properties

Water-Solubility



Creative Design is
“Smile”

Impression Materials

- I-SiL Light Body
- I-SiL Regular Body
- I-SiL Heavy Body
- I-SiL Putty Premium
- I-SiL Heavy Body Tube

I-SiL
Poly Vinyl Siloxane

Silicone Impression Materials

I-SiL is a Vinyl Polysiloxane material designed to minimize the problems of voids, bubbles, pulls and drags and be superior flowability, tear strength and wettability.
I-SiL is available for detailed impression with nano filler. I-SiL is soft and highly elastic, so, it can be possible to impress without strain and damage.

Application

	I-SiL LIGHT BODY	I-SiL REGULAR BODY	I-SiL HEAVY BODY	I-SiL PUTTY
ISO4823	Type 3 Low Consistency	Type 2 Medium Consistency	Type 1 High Consistency	Type 0 Very High Consistency
Working Time	1 min	1 min	1 min	1 min
Setting Time	4 min	4 min	4 min	4 min
Contents	Cartridge 50mL x 4	Cartridge 50mL x 4	Cartridge 50mL x 4	290mL x 2jars

Advantages

- Ideal flowability
- The highest tear strength of leading materials tested
- Super wettability
- Minimized the problems of voids
- Excellent volume stability
- No bubbles (Vacuum mixture system)

Contents

Light Body : 50ml x 4cartridges
Regular Body : 50ml x 4cartridges
Heavy Body : 50ml x 4cartridges
Heavy Tube : 150ml x 2tubes
Putty : 290ml x 2jars

PREMIUM LIGHT BODY

PREMIUM HEAVY BODY

PREMIUM REGULAR BODY

Advantages

- Ideal flowability
- The highest tear strength of leading materials tested
- Super wettability
- Minimized the problems of voids
- Excellent volume stability
- No bubbles (Vacuum mixture system)

Contents

Light Body : 50ml x 4cartridges
Regular Body : 50ml x 4cartridges
Heavy Body : 50ml x 4cartridges
Heavy Tube : 150ml x 2tubes
Putty : 290ml x 2jars

PUTTY PREMIUM

Putty

PREMIUM HEAVY BODY

Heavy Tube

Others

Focus

- Autoclaveable Focus Guide-cap
- LCD Screen
- 330° Head twist
- Easy-to-Change Battery
- Beep Sound
- Various curing mode

Focus is a new conceptual curing light that is safe for patient and conventent for user with autoclaveable Focus Guide-cap.

Without Focus Lens

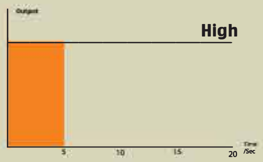
With Focus Lens

Curing depth of the Focus is deeper than other curing light's depth because of eliminating light scattering.

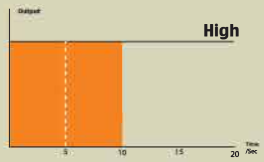
Polymerizations of several front sizes are possible by one cap. Polymerization is possible only to distance with teeth and cap front.

Various curing mode

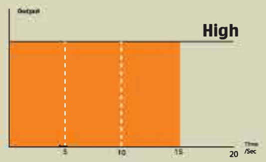
"selectable mode and time what you want."



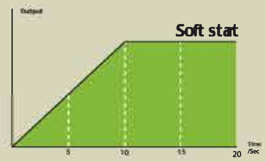
Quick polymerizing with high intensity



Quick polymerizing with high intensity



Quick polymerizing with high intensity



Special mode to avoid contraction and shrinkage

What is the features of Focus

- **Sterilize in autoclave**

  Repeat autoclaveable Guide-cap to prevent cross-infection and make curing efficiency safety.
- **LCD Screen**

  LCD Screen indicates condition and state of device more easily to user.
- **330˚ head twist**

  330˚ head twist makes easy to cure anywhere inside of mouth.
- **Interchangeable Battery**

  Easy-to Change Battery

  Enough Battery capacity

  Rechargeable Battery alone
- **Beep Sound**

  Beep Sound make user's directive judgment to prevent misuse.
- **Various curing mode**

  Choose light intensity on 4 kinds of modes at your convenience.

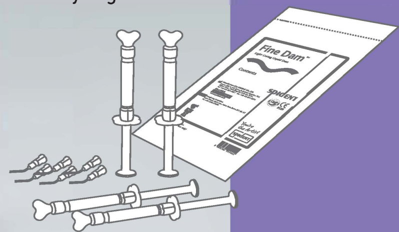
FineDam™ Light-Curing Liquid Dam

Advantages

- Easy handling
- Easy to remove in one piece
- High elasticity

Contents

FineDam : 1.2ml x 4syringes



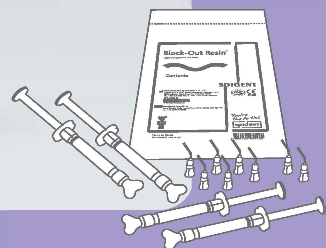
Block-Out Resin™ Light-Curing Block-Out Resin

Advantages

- Low viscosity
- Blue color
- Provides reservoir space for bleaching trays
- Use for other laboratory procedures

Contents

Block-Out Resin : 1.2ml x 4syringes

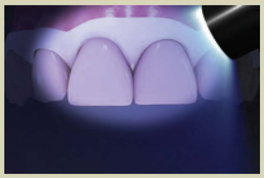


FineDam is a light-curing resin barrier for isolating tissue adjacent to teeth being bleached.
For single tooth bleaching, FineDam may be used to protect adjacent teeth.

Application


1. Check applicable area for FineDam


2. Apply FineDam


3. Light-cure for 20 seconds

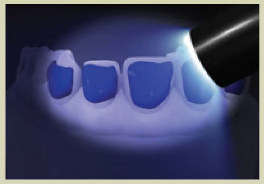

4. Remove after bleaching

Block-Out Resin is a light-curing mathacrylate-based utility resin.
It is designed for laboratory use such as for bleaching reservoirs on plaster model.

Application


1. Fabricate plaster model


2. Apply Block-Out Resin


3. Light-cure for 20 seconds


4. Fabricate custom tray


5. Finish custom tray

You're the Artist

Not Only Dentist

SPIDENT

VISION The World Best Company with state-of-the-art dental materials

- Creating value for customers
- Improving research and development
- Respecting human dignity

Jemo AHN
President SPIDENT CO., LTD.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