G-BOND Universal TECHNIQUE GUIDE

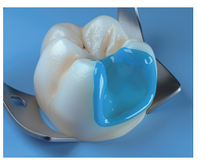
Consult Instructions for Use

DIRECT RESTORATION

SELECT ETCHING MODE, RINSE and DRY


Self-etch


Selective etch

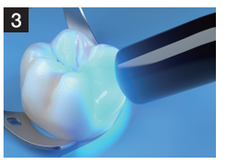

Total-etch

BONDING PROCEDURE


1 Apply G-BOND Universal evenly.

2 OPTIONAL


Air-blow.


3 Light cure.

TREATMENT of HYPERSENSITIVE TEETH and EXPOSED ROOT SURFACES


1 Apply G-BOND Universal evenly.

2 OPTIONAL


Air-blow.


3 Light cure.


4 Remove unpolymerized layer.

SEALING of TOOTH PREPARATION


1 Apply G-BOND Universal evenly.

2 OPTIONAL

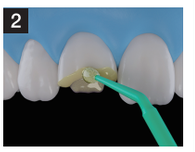

Air-blow.


3 Light cure.


4 Remove unpolymerized layer.

INTRAORAL REPAIR (with and without involvement of tooth structure)


1 Roughen surface. Rinse and dry.


2 Apply G-BOND Universal evenly.

3 OPTIONAL


Air-blow.

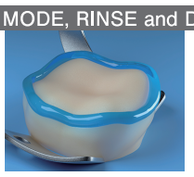

4 Light cure.

INDIRECT RESTORATION CEMENTATION with resin cement

TOOTH PREPARATION

SELECT ETCHING MODE, RINSE and DRY


Self-etch


Selective etch


Total-etch


1 Apply G-BOND Universal evenly.

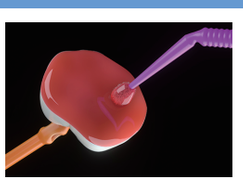
2 OPTIONAL


Air-blow.


3 Light cure.

RESTORATION PREPARATION

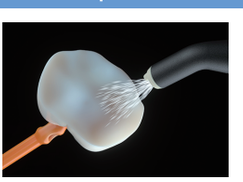
Glass ceramics (feldspathic ceramics, leucite-reinforced ceramics, and lithium disilicate)

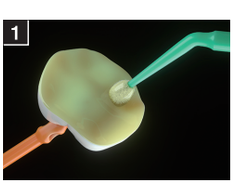

Etch with hydrofluoric acid.


Rinse and dry.

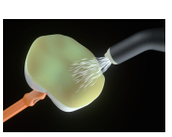
Zirconia, aluminum oxide, metal, hybrid ceramics and composite


Sandblast. For CERASMART range, alternatively apply hydrofluoric acid.


Blow clean with air syringe. Rinse and dry.


1 Apply G-BOND Universal evenly.

2 OPTIONAL


Air-blow.

3 OPTIONAL


Light cure.

CEMENTATION

Follow the manufacture's Instructions for Use to apply the cement.

G-BOND Universal TECHNIQUE GUIDE

Consult Instructions for Use

MICRO-INVASIVE TREATMENT and INFILTRATION of NON-CAVITATED (ENAMEL) LESIONS

Smooth surface

1. TOOTH SURFACE PREPARATION



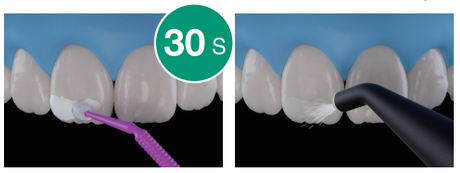
Clean the tooth surface. Remove biofilm and hyper-mineralized surface layer with polishing strips (e.g., EPITEX). Rinse off residuals.

2. TREATMENT of TOOTH SURFACES



Etch the lesion with 35-40% phosphoric acid gel and rinse.

3. DRY



Apply ethanol. Check that the whitish-opaque coloration fades and dry with air. If the coloration does not fade, repeat the etching procedure.

4. INFILTRATION



Apply G-BOND Universal.

5. LIGHT CURING



Light cure.

6. INFILTRATION



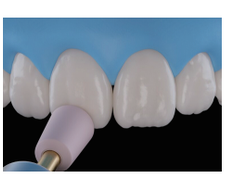
Apply G-BOND Universal again.

7. LIGHT CURING



Light cure. *

8. FINISHING

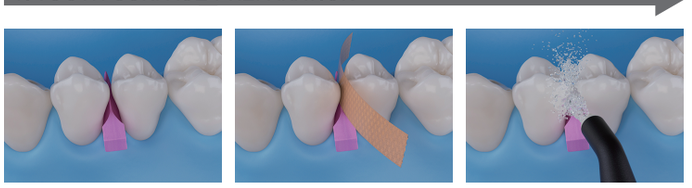


Finish with polishing cup.

LIGHT CURING TIME		
Light Curing Unit	Distance from light guide tip	
	<10 mm	>10 mm
Halogen / LED (700-1200 mW/cm²)	10 sec.	20 sec.
High power LED (more than 1200 mW/cm²)	5 sec.	10 sec.

Proximal lesion

1. TOOTH SURFACE PREPARATION



Use dental wedges or other separation method. Clean the tooth surface. Remove biofilm and hyper-mineralized surface layer with polishing strips (e.g., EPITEX Extra Fine). Rinse off residuals.

2. TREATMENT of TOOTH SURFACES



Etch the lesion with 35-40% phosphoric acid gel and rinse.

3. DRY



Apply ethanol. Check that the whitish-opaque coloration fades and dry with air. If the coloration does not fade, repeat the etching procedure.

4. INFILTRATION



Apply G-BOND Universal with dental floss.

5. LIGHT CURING



Light cure.

6. INFILTRATION



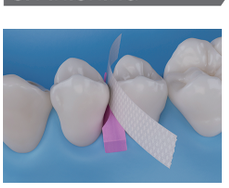
Apply G-BOND Universal with dental floss.

7. LIGHT CURING



Light cure. *

8. FINISHING



Finish with polishing strips.

* You can apply composite resin on the lesion following infiltration and light curing.

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