Direct restorations

CLEARFIL SE BOND 2 Kuraray Noritake Dental Inc.

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using light-cured composite resin

Follow the standard procedures for isolation, moisture control, cavity preparation and pulp protection



*Before applying PRIMER, selective enamel etch by phosphoric acid is an option



*Refer to the table for light-curing time.



6 Place composite resin





Intraoral repairs of fractured restorations















light-curing time.





*Use an opaque resin (e.g. CLEARFIL ST OPAQUER) to mask metal color.



Flow Chart Sheet







INDICATIONS

CASE

[1] Direct restorations using light-cured composite resin Direct restorations

[2] Cavity sealing as a pretreatment for indirect restorations*

[3] Treatment of exposed root surfaces*

[4] Treatment of hypersensitive teeth*

[5] Intraoral repairs of fractured restorations

Intraoral repairs

[6] Post cementation using a dual- or self-cured composite resin*

[7] Core build-ups using a light-, dual- or self-cured core material*

[8] Cementing inlays, onlays, crowns, bridges and veneers using a composite resin cement

Cementing

*Please refer to the IFU for [2], [3], [4], [6] and [7] of Indications.

Table: Dental curing unit and curing time

Туре	Light source	Light Intensity	Light-curing time
Halogen	Halogen lamp	More than 400 mW/cm ²	10 seconds
LED	Blue LED*	800-1400 mW/cm ²	10 seconds
		More than 1500 mW/cm ²	5 seconds

The effective wavelength range of each dental curing unit must be 400-515 nm.

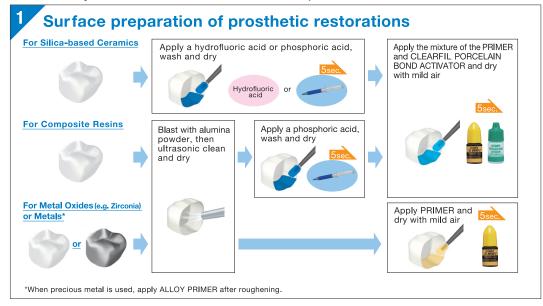
Cementing



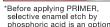
CLEARFILTM SE BOND 2 Kuraray Noritake Dental Inc.

inlays, onlays, crowns, bridges and veneers using a composite resin cement

Clean and dry the tooth surface, and then trial fit the prosthetic restoration













*Light-curing the mixture is an option for optimum performance.



^{*}Peak of emission spectrum: 450-480nm