

BRILLIANT™ NG

EN

INSTRUCTIONS FOR USE

Side effects
No systemic side effects are known. Contact allergies with products of similar composition have been reported in isolated cases.

Definition
Brilliant NG is a syringeable, sculptable, radiopaque, highly filled nano hybrid composite for the restoration of all teeth. The optimally adjusted shade system of Brilliant NG provides two shade in one syringe.

Brilliant NG is cured in a tooth cavity or on a tooth preparation with all common halogen- or LED lights (e.g. Coltene® COLTOLUX LED).

Composition
Metacrylates

Dental glass

Amorphous silica

Technical Data
Adhesive dentine size: 0.6 mm
Range of particle size: 0.01 – 2.5 µm
Filler content by volume: 65 %
Filler content by weight: 80 %

Indications
Brilliant NG is indicated for:
• direct filling of class I, II, III, IV, and V cavities (details see below);
• repair of composite ceramic veneers;
• blocking out of undercuts;
• adhesive cementation of ceramic and composite restorations

Brilliant NG Dentin is specifically indicated for:
• direct filling of opaque teeth;
• direct class V fillings;

Brilliant NG Enamel is specifically indicated for:
• restoration of whitened teeth;
• restoration of discolored teeth;
• characterization of chalk spots;
• masking of discolored teeth

Brilliant NG Bleach is specifically indicated for:
• restoration of whitened teeth;
• restoration of discolored teeth;
• characterization of chalk spots;
• masking of discolored teeth

Brilliant NG Transparent is specifically indicated for:
• restoration of white surfaces in all classes;
• reconstruction of incisal edges;
• shape and color corrections to improve esthetics

Contra-indications
If the same cannot be isolated after enamel etching, during application, and curing of Brilliant NG. If allergies exist to the components of Brilliant NG. If oral hygiene is poor.

Precautions
Brilliant NG is directly onto the mixing pad, take up in small increments with

Göltene® Composite Instruments or any other application instrument, and apply to the cavity.

Emergency measures
In case of direct contact with the oral mucosa, rinsing with tap water is sufficient. In the case of contact with the eyes, rinse thoroughly with water (10 min) and consult physician.

Interactions with other agents

Agents which contain eugenol and/or oil of cloves may affect the polymerization of Brilliant NG. The use of zinc-eugenol-eugenol cement in combination with Brilliant NG should therefore be avoided.

Discolorations may occur when using certain rinses, plaque indicators or chlorhexidine.

Application

Cleaning the tooth

The tooth to be treated and the adjacent teeth are cleaned using a brush and prophylaxis-paste which does not contain fluoride.

Working time

Brilliant NG is photosensitive, and should be exposed to light no later than 10 minutes to the operating light or sunlight. If possible, protect exposed Brilliant NG material by means of light opaque covering (not blue).

Polymerization

Brilliant NG can be cured using all common halogen- or LED lights (e.g. COLTOLUX LED).

Recommended exposure times:

Layer Thickness: 2 mm

<800 >800 mm²/cm³ mm²/cm³

Filling time

30 s – 20 s

Storage

Store at 4 – 23 °C / 39 – 73 °F.

Avoid exposure to direct sunlight or other heat sources.

Instructions for use

EN

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Instructions für Verwendung

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Instructions d'utilisation

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Instructions d'usage

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