



INSTRUCTION FOR USE
Nova Compo HF



Description

Nova Compo HF is a flowable, light-curing, radiopaque nano-hybrid composite for the restorative therapy. Nova Compo HF cures with light in the wavelength range of 400–500 nm (blue light).

Shades; Nova Compo HF is available in 14 Vita shades.

Composition

The monomer matrix is composed of hydrophobic aromatic dimethacrylates, Bis-GMA, Bis-MEP, TEGDMA, UDMA. The fillers are silanated barium glass, nano ytterbium, silanated nano highly dispersed silicon dioxide, silica-zirconia and prepolymer (%65-70 wt. % 53-55 v/v). Additives, catalysts, dl-comphoroquinone, stabilizers and pigments are additional contents.

Advantages

- Extended durability and working time 90sec.
- Lower syhrinkage(% 2,2) than traditional flowable compsites
- Excellent handling
- Superior aesthetics,
- High polishability and radiopacity(% 200 AI)
- High mechanical propertes Compressive strength 350 mpa, flexural strength 148 mpa
- Optimum flowability for good marjinal adaptation
- High wear resistance and low polymerisation syrinkage
- Suitable for all bond systems.

A1, A2, A3, A3.5, A4, B0.5, B1, B2, B3, C2, C3, C4, D2, D3, AO2, UD, AO3

Recommend Indications

- 1) As initial layer under Class I to V restorations
- 2) Anterior restorations (Classes III, IV)
- 3) Class V restorations (cervical caries, root erosion, wedge-shaped defects)
- 4) Small restorations of all types
- 5) Extended fissure sealing
- 6) Splinting of mobile teeth
- 7) Blocking out of undercuts
- 8) Adhesive cementation of indirect light and ceramic restorations
- 9) Repair of composite / ceramic veneers

Contraindication

- 1) Substances in the product may rarely cause sensitization. Without using this removal.
- 2) In order to avoid pulpal irritation, it should be covered with a suitable pulp / dentin protector in areas near the pulp. (a preparation containing calcium hydroxide as dot-like region near the pulp).

Application of Nova Compo HF

- 1) Select the shade.
- 2) Provide appropriate isolation, best with a rubber dam.
- 3) Prepare the cavity according to the requirements of the adhesive technique.
- 4) Clean the cavity with water spray.
- 5) Air dry the cavity.
- 6) Do not apply a base material when using an enamel/dentin bonding agent. Selectively cover very deep areas close to the pulp with a calcium hydroxide material and subsequently use glass ionomer cement(Nova Glass F). Do not cover other cavity walls, since they can be used to support the bond with an enamel/dentin adhesive.
- 7) Apply matrix
- 8) Condition and apply the bonding agent according to the instructions for use of the product in use..
- 9) Apply Nova Compo HF in layers of max. 2 mm or 1.5 mm. Polymerize each layer at least 20 second. Hold the light emission window as closely as possible to the surface of the restorative material. When using a metal matrix, additionally polymerize from the buccal or lingual/palatal after removing the matrix.

Side Effects

In individual cases, components of Nova Compo HF may lead to sensitization. Nova Compo HF should not be used in such cases. To avoid possible irritation of the pulp, areas close to the pulp should be protected with a suitable pulp/dentin protector (selectively apply a calcium hydroxide-based preparation in areas close to the pulp and cover with suitable cavity liner).

Disposal: Disposal must be made according to official regulations. Take to an approved land fill or a waste incineration plant, under conditions approved by the local authority.

Uncleaned packagings: Disposal must be made according to official regulations

Storage

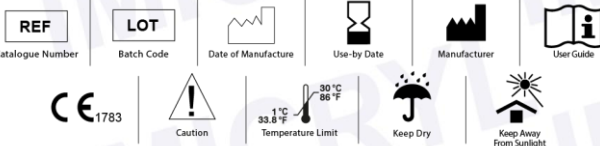
Storage temperature: 1–30 °C / 33,8–86 °F
Close syringes immediately after usage.
Exposure to light causes premature polymerization.
Do not use after the Nova Compo HF expiration date
Do not use oxidizing disinfectants to disinfect syringes.
Keep the material out of the reach of children.

Warning

Unpolymerized Nova Compo HF should not come in contact with skin/mucous membrane or eyes. Unpolymerized Nova Compo HF may have a slight irritating effect and may lead to a sensitization against methacrylates.
Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates.

Applicator tips are single use

Use of the information for preparation date: Rev 01 03.07.2020 TD-03-IFU-26
Ref No: 2026 & 2026A & 2026B & 2026C & 2026D



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