

ENA[®] FLOW STAIN

Ena Fluorescent Flow Stain is a system of light curing stains made of composite for the characterisation of composites.

Introductory kit EHF1S contains:

-6 light curing stains: white, yellow, orange, blue, brown, dark brown (brown 2)

-6 brushes: C, F, M (2 per type)

Separately available also black and transparent colours.

Composition

- MONOMER MATRIX: Diurethandimethacrylate, Iso-propyliden-bis (2(3)-hydroxy-3(2)-4(phenoxy)propyl)-bis(methacrylate)(Bis-GMA); 1,4 - Butandioldimethacrylate.

- TOTAL CONTENT OF FILLERS: 50% weight (36% volume); glass filler: mean particle size 0,7 µm; highly dispersed silicone dioxide: mean particle size 0.012 µm

Indications

Characterisation of composite in dental office and laboratory

Contra-indications

Uncured resin could cause skin allergy: User should use gloves. In case of known allergy to some of the components do not use it.

Side effects

In deep cavities we suggest to use a liner in order to avoid pulpal reactions.

Materials to be avoided

Materials containing phenolics (like eugenol) could inhibit composite curing. Avoid the use of these materials as liners.

APPLICATION OF STAINS

Take ENA FLOW STAIN out from syringes using the application needles and apply it, using ENA C brush. The M brush is suggested for composite application and smoothing, while the F brush was developed for the fossa carving.

Be careful during the light curing stains application because of colour intensity and material fluidity. It is possible to use stains mixed with composite bodies for shoulder and dentin. You can obtain the individualization of the composite mixing, applying or introducing colours. When handling the material be careful not to create bubbles

Curing: Apply a very thin layer of ENA FLOW STAIN (no more than 0,3 mm for dark shades).

Laboratory curing times:

- LABORLUX3 (MICERIUM)	ca.	90 sec.*
- Spektraled (Schütz-Dental)	ca.	30 sec.*
- Spektramat (Ivoclar)	ca.	1 min.*
- Lampada Plus T with light 71- 86W (Micerium)	ca.	10 min.

* for light colours. For dark colours until 3-5 min required.

Dental office curing times:

- Translux CL (Kulzer)	ca.	40 sec.
- Nou-Lite halogen lamp (Nouvag)	ca.	40 sec.
- CLEDPLUS (MICERIUM)	ca.	40 sec.

USE AND STORAGE

Store between 3°C (38°F) and 25°C (77°F).

Do not use the product after the expiration date (see label on syringe).

Due to hygienic reasons flow application needles should be used only once.

Use the material at room temperature. Medical device, for dental use only: keep away from children.

Turn back the spindle after taking out the material, to avoid an outflow of the material.

After use, close container with cap and keep it closed. Avoid direct exposure to sunlight.

If the material is not completely cured, it may discolour, mechanical properties deteriorate and pulpal inflammation can occur.

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