

Nu Radiance® Nu Seal

Fluoride Releasing Light-Cured Cavity Liner

Nu Seal is a visible light-cured cavity liner having a flowable consistency that facilitates application. This material primarily consists of a biocompatible light curable resin, filled with hydroxyapatite, barium sulfate and fluoride salts.

Nu Seal is compatible with all commercially available restorative materials and cements. When used under water-based cements, however, wiping the surface of cured Nu Seal with a cotton pledget moistened with alcohol is recommend in order to remove any traces of uncured resin. Nu Seal should be applied over conventional self-cured dental bases in case of direct pulp exposure.

Instructions for use

1. Prepare the cavity in conventional manner.
2. Rinse and dry the cavity.
3. Apply the material directly over the dentin through its disposable applicator.
4. The first coating should be not be thicker than 0.3 – 0.5 mm. Remove any material inadvertently applied over enamel margins.
5. Cure for 20 seconds (30 seconds if the light is of lower intensity), keeping the tip as close to the surfaces being cured as possible.
6. Apply a second layer, if indicated. The second layer can be up to 1.5 mm thick. Cure for 30 seconds.

Warning: Avoid prolonged contact of uncured Nu Seal with skin or gingival tissue. Wash thoroughly if such contact occurs.

Store at temperatures not exceeding 75°F (25°C). When stored under such conditions, Nu Seal has a shelf life of 2 years.

