

Media Release

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Adhesive with integrated desensitization

Adhese Universal: reduced risk of postoperative sensitivity

Adhese Universal is a single component light-cured adhesive for direct and indirect bonding procedures. Adhese Universal is compatible with all etching techniques. An integrated desensitizing effect prevents fluid movement in the dentin tubules and thus minimizes the risk of postoperative sensitivity.

Wetting and infiltration of dentin tubules under wet and dry conditions occurs by contact with the hydrophilic solvents and methacrylate monomers contained in the adhesive. In addition, the acidic compounds in the dentin precipitate as insoluble calcium salts facilitating the mechanical blocking and sealing of the dentin tubules. This integrated "desensitizing effect" prevents fluid movement in the dentin tubules and minimizes the risk of microleakage and postoperative sensitivity.

Integrated protection from dentin hypersensitivity

Adhese Universal provides effective mechanical blocking and sealing of the dentin tubules under dry and wet conditions. It results in a homogeneous adhesive film with defined resin tags that reliably seal the dentin. Fluid movement in the tubules and thus postoperative sensitivity associated with that movement are prevented.

Adhese® is a registered trademark of Ivoclar Vivadent AG.

Caption:

(Desensitizing.jpg)

Fig.: Adhese Universal reduces fluid movement in the dentin tubules.

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