

Technical sheet

Designation	Bestdent
Reference	69402 (shade A2) 69403 (shade A3)
Description	Bestdent is temporary crowns and bridges material available in 50ml cartridge.
Classification	Bestdent has been classified in Class IIa device per rule 7. "All surgically invasive devices intended for short-term use are in Class IIa," <i>Directive 93/42/EEC, concerning medical devices, and amended by Directive 2007/47/EC of 5 September 2007.</i>
Composition	The temporary resins will contain a resinous methacrylate matrix and mineral fillers.
Characteristic	Flexural strength 110 MPa Degree of conversion at 48h 56 % Water solubility (7days) $\leq 7.5 \mu\text{g}/\text{mm}^3$ Water absorption (7days) $\leq 40 \mu\text{g}/\text{mm}^3$ Colour stability at 90 days $\Delta E = 1.9$ Viscosity Thixotropic Inhibition layer $< - 16 \text{ mg}$ Setting time at 22°C (self-curing) 2'25" - 2'30"
Indication	Due to its special consistency, its rapid setting and excellent mechanical qualities, Bestdent is ideally suited for temporary crowns or small aesthetic bridges, made from a pre-impresion only.
Safety notes	<ul style="list-style-type: none">➤ Bestdent contains polymerizable methacrylate which may irritate skin, eyes and oral mucosa and may cause allergic contact dermatitis in susceptible persons.➤ Avoid eye contact to prevent irritation and possible corneal damage. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.➤ Avoid skin contact to prevent irritation and possible allergic response. In case of contact, reddish rashes may be seen on the skin. If contact with skin occurs, immediately remove material with cotton and wash thoroughly with water and soap. In case of skin sensitization or rash, discontinue use and seek medical attention.
Contraindication	Bestdent is contraindicated in patients with a history of allergic reaction to methacrylate resins or any other of the components.
Precaution	Wear suitable protective eyewear, mask, clothing and gloves. Protective eyewear is recommended for patients.
Storage and Shelf-life	Store at a temperature not exceeding 25°C. When stored under such conditions, this product has a shelf-life of 24 months.
Packaging	50ml dual cartridge + 10 yellow mixing tips