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## Glass Ionomer Luting Cement

# DSI Glass-FX



### INSTRUCTIONS FOR USE

ISO 9917-1:2007 Glass Polyakenoate Class 4.2a

#### PURPOSE:

Glass-FX adheres chemically to tooth substance and non-precious alloys, providing maximum secure retention. Rapidly increasing PH during setting produces excellent biocompatibility. Contains and releases fluoride ion.

#### INDICATIONS:

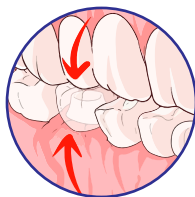
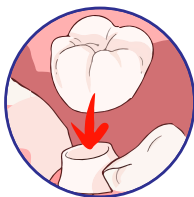
For cementing crowns, bridges, inlays and onlays.  
Also suitable as for fixing orthodontic for brackets and bands.

#### DIRECTIONS OF USE:

The recommended powder:liquid mixing ratio is 2:1 (mm) at 22-24 °C and 40-60% R.H. The use of a clean dry, polished glass slab or paper pad and a stainless steel spatula is recommended. Invert bottle to "fluff" powder for accurate dispensing. Measure ONE scoop of powder onto a glass slab or paper pad, taking care not to compress powder against side of bottle with the scoop. Remove excess powder from the scoop using a straight edge of the spatula.

Dispense ONE "bubble-free" drop of liquid onto the glass slab or paper pad. Incorporate half of the powder into the liquid and mix for 15 seconds, then add the remaining powder and mix to uniform syrup-like consistency. Total mixing time is about 30 seconds.

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**Working time** (at 22-24 °C and 40-60% R.H.): 2 minute 30 seconds.

**Setting time:** 6.5 minutes maximum from start of the mix.

#### APPLICATION:

Apply the cement right after completion of mix. Excess cement might be removed immediately or after the setting. Do not attempt to remove excess cement while it's in the "rubber" phase of setting (between 2.5-7 minutes for start of the mix) as adhesion may be impaired. Wipe the filling/mixing instrument clean as soon as possible.

#### PACKAGING:

Powder	10 g
Liquid	7 ml
Mixing accessories	

#### STORAGE:

Store in a dry place (humidity < 50%) in tightly closed containers (+5°C...+30°C). Always replace the cap immediately after use. 2 years shelf-life guaranteed. Avoid contact with moisture and direct sunlight!

Avoid contact of liquid with eyes. In the event of contact, rinse with plenty of water and seek medical assistance.



*Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.*

*The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.*