

ADVANTAGES

Self-adhesive

Triple-cure system

No strong odor

Proven F⁻ ions release

FORMULA MAIN BLOCK

Monomer /
Oligomers

Filler

Initiators

Additives /
Coupling Agent

Bis-GMA

Dental Glass

CQ

10 MDP

HEMA

Fumed Silica

TPO

UDMA

Ytterbium
Fluoride

EDB

Acrylic
Copolymer

TEST RESULTS*

BJM LAB 

GC *

3M **

Working time @23°C (min)

2'30"

2'14"

2'30"

Setting time @37°C (min)

4'30"

4'30"

5'00"

Flexural strenght (MPa)

49±3

8±1

7±1

Compressive strength (MPa)

110±4

71±5

81±5

SBS to Enamel*** (MPa)

19±2

19±2

10±2

SBS to Dentin*** (MPa)

9±1

8±1

6±1

Film thickness (µm)

20

10

16

Radiopacity (mm Al)

1.8

1.4

1.5

*GC FujiCEM 2

**3M RelyX Luting Plus Cement

***Utilizing conditioner for Active CEM and for FujiCEM 2

*All results and findings presented in this document are based on internal testing conducted by BJM LAB. These results may vary under different test conditions and should be interpreted accordingly.

BJM LAB 