

Curing time guide

bluephase® G2 ^{new} bluephase® 20i



Light intensity

1.200 mW/cm² ± 10%

2.000 - 2.200 mW/cm²
LED Class 2

Exposure time for composites
Exposure time for Tetric EvoCeram/
IPS Empress Direct

15 sec.
10 sec.

10 sec.
5 sec.

TURBO Program



- E** Consistently high light intensity for the polymerization of restorative and cementation materials for direct and indirect restorations.
- F** Haute énergie régulière pour la polymérisation de matériaux de restauration et de collage dans le cas de restaurations directes et indirectes.
- Es** Consistente alta intensidad lumínica para la polimerización de materiales de restauración y cementación para restauraciones directas e indirectas.

HIGH POWER Program



- E** Consistently high light intensity for the polymerization of restorative and cementation materials for direct and indirect restorations.
- F** Haute énergie régulière pour la polymérisation de matériaux de restauration et de collage dans le cas de restaurations directes et indirectes.
- Es** Consistente alta intensidad lumínica para la polimerización de materiales de restauración y cementación para restauraciones directas e indirectas.

LOW POWER Program



- E** Reduced light intensity with reduced heat development for the polymerization of adhesives, liners, and restorative materials in areas near the pulp when restoring Class V cavities
- F** Basse énergie, élévation de température réduite pour la polymérisation des adhésifs, des liners et des matériaux de restauration pour les cavités de classe V dans les zones proches de la pulpe.
- Es** Reducida intensidad lumínica con reducido desarrollo térmico para la polimerización de adhesivos, liners, y materiales de restauración en áreas próximas a pulpa al restaurar cavidades Clase V.

SOFT START Program



- E** Step-by-step increase of the light intensity with reduced shrinkage stress and reduced heat development for the polymerization of restorative materials
- F** Augmentation progressive de l'intensité lumineuse avec une réduction du stress de polymérisation et de la température pour la polymérisation des matériaux de restauration.
- Es** Graduale aumento dell'intensità luminosa con ridotto stress da contrazione e ridotto sviluppo di calore: per la polimerizzazione di materiali da restauro

Filling materials

Composite

Tetric EvoCeram / Tetric EvoFlow
IPS Empress Direct
4 Seasons
Tetric
Heliomolar / Heliomolar HB / Heliomolar Flow
Others ¹⁾

Compomer ²⁾

Compoglass F / Compoglass Flow

Indirect restorations /

Luting material

Variolink II Base ³⁾, Variolink Veneer
Variolink Ultra ⁴⁾
Dual Cement ⁴⁾ / Variolink II ⁴⁾

Miscellaneous

Heliosit Orthodontic

Filling materials

Composite

Tetric EvoCeram / Tetric EvoFlow
IPS Empress Direct
4 Seasons
Tetric
Heliomolar / Heliomolar HB / Heliomolar Flow
Others ¹⁾

Compomer ²⁾

Compoglass F / Compoglass Flow

Indirect restorations /

Luting material

Variolink II Base ³⁾, Variolink Veneer
Variolink Ultra ⁴⁾
Dual Cement ⁴⁾ / Variolink II ⁴⁾

Miscellaneous

Helioseal / Helioseal F / Helioseal Clear
Monopaque
MultiCore Flow / Multicore HB
Heliosit Orthodontic

Adhesive

AdheSE / AdheSE One F
ExcTE / ExcTE DSC
Heliobond (Syntac)

Temporary materials

System.link
System.inlay/onlay
Fermiit / Fermiit N

Miscellaneous

Heliosit Orthodontic

Filling materials

Composite

Tetric EvoCeram / Tetric EvoFlow
IPS Empress Direct
4 Seasons
Tetric
Heliomolar / Heliomolar HB / Heliomolar Flow
Others ¹⁾

Compomer ²⁾

Compoglass F / Compoglass Flow



5 sec.

2x 5 sec.

2x 5 sec.

per mm ceramic: 2x 5 sec. per segment
2x 5 sec. per segment

2x 5 sec.



10 sec.

15 sec.

20 sec.

per mm ceramic: 10 sec. per segment
per mm ceramic: 10 sec. per segment

10 sec.

20 sec.

20 sec.

10 sec.



10 sec.

15 sec.

20 sec.

per mm ceramic: 10 sec. per segment
per mm ceramic: 10 sec. per segment

10 sec.

20 sec.

20 sec.

10 sec.



10 sec.

10 sec.

10 sec.

10 sec.

10 sec.

20 sec.



10 sec.

10 sec.

10 sec.

10 sec.

10 sec.

20 sec.



15 sec.

20 sec.

20 sec.



15 sec.

20 sec.

20 sec.

1) Applies to a maximum layer thickness of 2 mm and provided that the Instructions for Use of the respective material do not state any other recommendation (might be the case with dentin shades)
2) Applies to a maximum layer thickness of 3 mm 3) Applies to light-curing (exclusive use of base paste) 4) Applies to dual-curing