

DenFil™ Bulk Flow

Light-Cured Flowable Bulk Fill Restorative Material

Fast, Easy Solution!

DenFil™ BulkFlow is a flowable bulk fill restorative resin which allows users to restore the cavity up to **4mm** of single increment

It has excellent fracture resistance because of its high flexural strength, and it has low polymerization shrinkage so that it is suitable for blocking the cavity wall.

Because of its outstanding flowability, we can expect self-leveling phenomenon on the surface of prepared tooth and one time incrementation up to **4mm** can reduce chair time For these reasons, BulkFlow can be applied to not only for children but also adults.



Characteristic and advantages

- Maximum 4mm increments
- Void Free
- High radiopaque
- Exceptional cavity blocking
- Excellent wear resistance
- Reduction of polymerization strength
- High flexural strength and low flexural modulus
- 5 available shades – U, A1, A2, A3, B1

Composition

- 2g Syringe x 1 or 2g Syringe x 2
- Shade : U, A1, A2, A3, B1
- Accessory : Disposable Tip

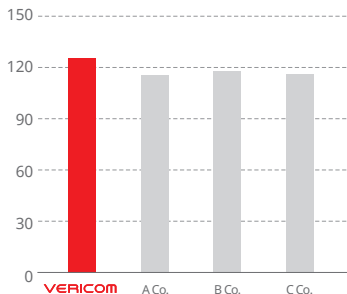
DenFil™ Bulk Flow

Light-Cured Flowable Bulk Fill Restorative Material

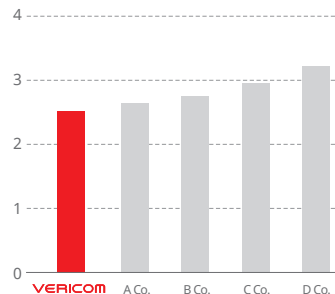
FAST, EASY Solution!

Outstanding strength & low shrinkage

● Flexural strength (MPa)



● Polymerization shrinkage (%)



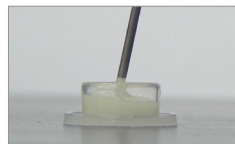
DenFil™ BulkFlow containing nano-filler inside provides high flexural strength and it lowers polymerization shrinkage so that it is available in exceptional marginal sealing. It is applied as initial layer in increments of up to 4mm and it increases efficiency of application.

Fast and Easy application!

Self-Leveling phenomenon allows fast and easy application, and 4mm increment reduces chair-time

Fast restoration + 4mm restoration

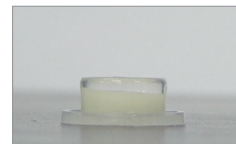
Flowability is the main feature of this material and it is obviously faster and easier to perform restoration of tooth not only for children but also adults.



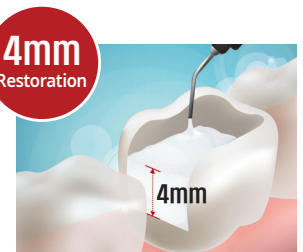
Before self-leveling



3 seconds after self-leveling



5 seconds after self-leveling

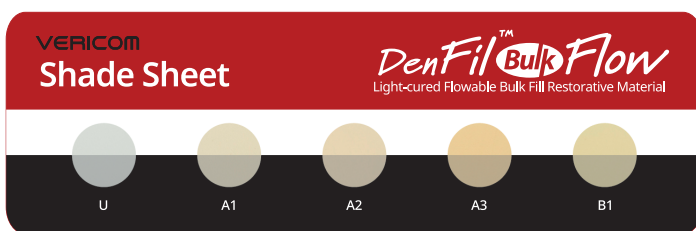


4mm incrementation is available

Natural shade blend in with surrounding teeth!

Chameleon effect that ensures a natural shade blend imparts a natural appearance to the tooth.

[DenFil™ BulkFlow's **CHAMELEON EFFECT** that ensures a natural shade blend in with surrounding color]



Water



DenFil™ BulkFlow Monomer



Before Restoration



After Restoration

DenFil™ BulkFlow Instruction for Use



1. Cavity preparation required.



2. Apply etching & bonding agent in order.



3. Apply 4mm of DenFil™ BulkFlow (maximum) for single increment to prepared tooth.



4. Light-cure.



5. Apply normal composite resin up to 2mm on the light-cured surface.



6. Light-cure again.