

SureFil SDR *flow+*



SureFil SDR *flow* bulk fill flowable by DENTSPLY has been used with great success in restorative dentistry since 2009.

DENTSPLY

“Gold standard of the bulk-filling technique.”

This bulk fill flowable base has unique characteristics:

- Self-leveling for excellent cavity adaptation
- Supports the bulk-filling technique in increments of up to 4mm
- Exhibits extremely low polymerization stress

In six years, SureFil SDR *flow* has become a true global success, with more than 40 million applications sold.

Excellent clinical results confirm its reliability. Clinical studies conducted by Drs. John Burgess and Carlos Muñoz of the University of Alabama and the University of Buffalo, USA, and professors J. Van Dijken and U. Pallesen of Universities of Umea, Sweden and Copenhagen, Denmark, respectively, found no secondary caries, no postoperative sensitivities and no failures attributable to SureFil SDR *flow*.

Professor Roland Frankenberger of the University of Marburg, Germany, rated SureFil SDR *flow* the “gold standard of the bulk-filling technique.”

With SDR Technology, a “Polymerization Modulator” was chemically embedded in the polymerizable resin backbone of the SDR resin monomer. Based on scientific evidence gathered to date, the “Polymerization Modulator” in SDR resin reduces stress build-up upon polymerization without a reduction in the polymerization rate or conversion. Through the use of the Polymerization Modulator, the SDR resin forms a more relaxed network and provides significantly lower polymerization stress than any other conventional resin.

The next step

Now, DENTSPLY introduces SureFil SDR *flow+* material, an upgrade to the product that offers the same excellent cavity adaptation, but with expanded indications (Class III and V), improved wear resistance, and increased radiopacity.

SureFil SDR *flow+* material is a one-of-a-kind bulk fill composite filling material. It's a low-stress flowable composite you can bulk fill (4mm) and cure for faster, easier and long-lasting restorations. Easy placement technique with self-leveling handling eliminates steps before curing and provides excellent cavity adaptation with this composite filling material.

- Chemically compatible with methacrylate based bonding agents and composites
- Short cure time
- Radiopaque—easily distinguishable on an X-ray

SureFil SDR *flow+* brings its self-leveling handling and low-stress performance beyond the base, while satisfying traditional flowable indications.

DENTSPLY recommends the use of SureFil SDR *flow+* in combination with Palodent Plus sectional matrix system, Prime&Bond Elect Universal Adhesive, TPH Spectra Universal Composite, and Enhance Finishers, for a predictable and reliable Class II total practice solution.

For more information on SureFil SDR *flow+*, visit Surefilldrflow.com or Class2restorations.com. ■

References

1. Burgess J, Munoz C (2012). 36-month clinical trial results. (Data available on request.)
2. Van Dijken, JW, Pallesen U (2013). Randomized 2-year follow-up of posterior bulk-filled resin composite restorations (Data available on request.)