

Restoration

BULK FILLING MATERIAL



Fill-Up!®

Dual curing bulk composite

Features

Fill-Up! is a dual-curing, middle-viscous composite with anti-bacterial zinc oxide that is used for bulk-fill restorations in the posterior region. It is available in a universal shade comparable to a VITA A2/A3 shade and is supplied in an automix syringe.

Indications

- Direct restoration of Class I and II cavities
- Cavity lining – first layer for Class I and II cavities
- Core build-ups

Target customers

SDR (Dentsply)



Venus Bulk Fill (Heraeus Kulzer)



Tetric Evoceram Bulk Fill (Ivoclar Vivadent)



Sonic Fill (Kerr Hawe)



Filtek Supreme Bulk Fill (3M Espe)



X-tra Base (Voco)



The wider the column, the higher the conversion chance to Fill-Up!.



Order Information

6001 9355 Fill-Up! Economy Kit

5 × Fill-Up! Universal
35 × Mixing Tips

6001 9342 Fill-Up! Intro Kit with ParaBond

2 × Fill-Up! Universal
1 × Etchant Gel S
1 × ParaBond Adhesive A & B
14 × Mixing Tips

6001 9973 Fill-Up! Intro Kit with ONE COAT 7 UNIVERSAL

2 × Fill-Up! Universal
1 × ONE COAT 7 UNIVERSAL
+ One Coat 7.0 Activator
14 × Mixing Tips

6001 9341 Fill-Up! Refill

1 × Fill-Up! Universal
7 × Mixing Tips

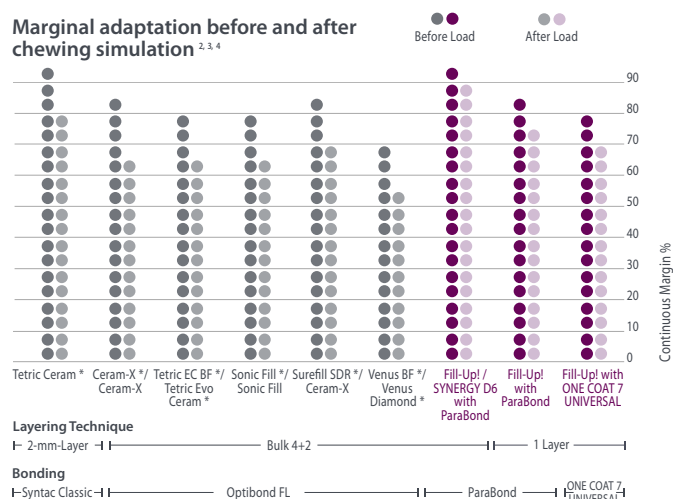
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USP's

Fill-Up! is the first dual curing composite within the COLTENE restorative portfolio. It is stressing the **functional aspects** of composite materials, offering dentists a concept that is reduced to the max – a highly efficient and affordable restorative solution for both dentists and patients!

- **Deep:** Unlimited layer thickness, guaranteed full curing
- **Fast:** Just one layer, just one color; suitable for patients reluctant to sit still
- **Perfect:** Low shrinkage stress and better marginal adaptation with dual-curing



Studies / Literature

- **Dual cured composite resin as a potential bulk fill restorative material for class II restorations**
Dr. Paulina Sedlakova, Dr. Tissiana Bortolotto, Prof. Dr. Ivo Krejci, University of Geneva, Geneva, Switzerland; Division of Cariology and Endodontology
- **Influence of polishing procedure on surface roughness of Fill-Up! compared to reference restorative materials**
Dr. Simon Flury, Dr. Anne Peutzfeldt, Prof. Dr. Adrian Lussi, School of Dental Medicine, University of Bern
- **Quality of cure in depth of commercially available bulk-fill composites**
Dr. Julian G. Leprince et al. Universite catholique de Louvain, Brussels Belgium
- **User Report** "User case study bulk composite Fill-Up! by COLTENE"; Dr. Med. Dent. Christoph Hüskens, Switzerland (DE, EN)
- **Interview** "Filling in a single step with Fill-Up!" with Hannes Kramer (various languages)

Further information material

- Product brochure
- Restoratives catalog
- Product presentation
- User report
- Interview with Hannes Kramer
- Study abstracts
- Product Guideline, Q3 2016
- Packshots

Technical Data

Filler content by weight	65 w-%
Filler content by volume	49 vol-%
Flexural modulus	7260 MPa
Compressive strength	289 MPa
Vickers hardness	51 HV
Water sorption	19 µg/mm3
Polymerisation shrinkage Watts	3.3 vol-%
Radio opacity	2.0 mm Al
Working time	1 min
Setting time (not incl. in working time)	2 min