BASIQ ACADEMY
Hosted by KARMA.



CLINICAL **CASE**



solventum

BASIQ DENTAL

3M™ Filtek™ Easy Match Universal Restorative: Aesthetic management of multiple diastema closures using a single shade composite

Keywords: diastema closure, multiple diastema closure, simplified shade matching

About the case

This male patient presented with chief complaint of spacing in his upper front teeth and desired improvements of the appearance of his teeth along with the closure of the diastemas.

Challenge

Aesthetic treatment of diastema closure presents a challenge in clinical practice. From a tooth perspective: managing the midline, symmetry and tooth proportions. On the other hand, from a treatment perspective how to stabilize the matrix and how to ensure a seamless blend of composite to enamel on the buccal surface, while simultaneously avoiding a greyish or overly opaque effect in the proximal spaces?

Outcome

The management of challenging cases can be greatly simplified thanks to the natural opacity and advanced properties of modern composites. These cases can often be successfully treated using a single-shade approach. A comprehensive technique for shaping and finishing ensures a natural appearance and optimal biological compatibility of direct composite restorations.

1. Initial situation: Patient presented with multiple diastema and demand to achieve natural looking teeth.



2. For tooth preparation a prepless approach was performed: The enamel surface was solely sandblasted and etched with phosphoric acid.



3. Trimmed silicon index based on wax-up to copy the incisal portion only. Allowing for simple transfer of information on symmetry and occlusion.



4. Preheated 3M™ Filtek™ Easy Match Universal Restorative Bright Shade was placed inside of the silicon index and positioned over the teeth and lightcured for 10 seconds each increment.



5. After removal of index: Incisal edges and occlusal guidance is transferred from the wax-up onto teeth.



6. After placement of Unica anterior matrix and the repeating of the adhesive step, 3M™ Filtek™ Easy Match Universal Restorative Bright Shade was applied to fill labial and proximal surfaces.



7. Excess removal and initial finishing with 3M™ Sof-Lex™ Contouring and Polishing Discs.



8. Once finalized the contouring 3M™ Sof-Lex™ Pre-Polishing Spiral was used to smooth the surface.



9. With the 3M™ Sof-Lex™ Diamond Polishing Spiral a final high-gloss surface was achieved.



10. Final restorations immediately after final polishing.



11. Four weeks post-op: perfect shade match due to naturally-adaptive opacity of 3M™ Filtek™ Easy Match Universal Restorative and healthy gingival margins.



12. Final smile effect: patient demanded natural appearance by closing only his multiple diastemas.



Recommended products

- 3M™ Filtek™ Easy Match Universal Restorative

Article name	*BD No.*	*REF*
Filtek™ Easy Match composite syringe refill – Bright	274361	6220B
Filtek™ Easy Match composite syringe refill – Natural	274362	6220N
Filtek™ Easy Match composite syringe refill – Warm	274363	6220W
Filtek™ Easy Match composite intro kit – syringes	274365	6220K
Filtek™ Easy Match composite value pack – syringes	274367	6220
Filtek™ Easy Match composite capsule refill – Bright	274710	6210B
Filtek™ Easy Match composite capsule refill – Natural	274711	6210N
Filtek™ Easy Match composite capsule refill – Warm	274713	6210W
Filtek™ Easy Match composite intro kit – capsules	274715	6210K
Filtek™ Easy Match composite value pack – capsules	274717	6210

- 3M™ Sof-Lex™ Pre-Polishing Spiral
    - Basiq Dental Article no. 472628, REF 5090
- 3M™ Sof-Lex™ Contouring and Polishing Discs

Article name	*BD no.*	*REF*
Solventum™ Sof-Lex™ Polishing Discs Introductory Kit	471004	1980
Solventum™ Sof-Lex™ polishing discs ø 9,5mm - superfine (light blue)	471008	1981SF
Solventum™ Sof-Lex™ polishing discs ø 9,5mm - fine (medium blue)	471012	1981F
Solventum™ Sof-Lex™ polishing discs ø 9,5mm - medium (dark blue)	471016	1981M
Solventum™ Sof-Lex™ polishing discs ø 9,5mm - coarse (black)	471020	1981C
Solventum™ Sof-Lex™ polishing discs ø 12,7mm - superfine (light blue)	471024	1982SF
Solventum™ Sof-Lex™ polishing discs ø 12,7mm - fine (medium blue)	471028	1982F
Solventum™ Sof-Lex™ polishing discs ø 12,7mm - medium (dark blue)	471032	1982M
Solventum™ Sof-Lex™ polishing discs ø 12,7mm - coarse (black)	471036	1982C

- 3M™ Sof-Lex™ Diamond Polishing Spiral
    - Basiq Dental Article no. 472632, REF 5091

About Dr. Marcin Krupinski



Specializes in modern endodontic and aesthetic treatment.

2010 Graduate of the Collegium Medicum Jagiellonian University in Krakow, Poland.

In 2011-2014, Assistant at the Department of Conservative Dentistry with Endodontics of Jagiellonian University.

Author of publications and lectures for dentists in the field of endodontics and modern restorative dentistry. Participant of many international lectures and workshops.

Winner of the Young Scientist Medal in 2011 for conducted clinical trial.

Opinion leader for Solventum (formerly 3M Health Care).

Certified Trainer for Style Italiano Group.

Owner of private practice and study center in Krakow, Poland.

©Solventum 2026. Solventum, the S logo, Filtek and RelyX are trademarks of Solventum and its affiliates. 3M and Scotchbond are trademarks of 3M company.

Article published by a Solventum Certified Distributor