stomdevice

3M Science. Applied to Life.™

Recipes for Creating
Beautiful Smiles

featuring

STYLE ITALIANO SHADE GUIDES



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The Perfect **Collaboration**



3M is a leader in groundbreaking restorative technologies. 3M's constant dialogue with dental professionals and the strength of 3M's research and development help drive continuous innovations for its products, making it one of the most trusted names in the dental industry.

3M™ Filtek™ Z350 XT Universal Restorative is ideal for creating natural aesthetics. It offers a system that is simple enough to create beautiful, uncomplicated restorations using a single shade, but its versatility allows the dentist to expand to a dual shade or a more extensive multi-layering technique when desired. A true nanocomposite, Filtek Z350 XT Universal Restorative delivers exceptional handling, lasting polish and outstanding strength in the anterior and posterior.

StyleItaliano is a collaboration of recognized specialists with a passion for composites. Their goal is to teach dentists a simplified composite layering technique without compromising quality or aesthetic results.

StyleItaliano members are experts in colour, materials and conservative dentistry. Their philosophy involves creating recipes, using a top quality composite, and training dentists in a simple, reproducible, consistent technique that will bring excellent aesthetics to their everyday dentistry.

3M is excited to collaborate with StyleItaliano to provide dentists with the materials and expertise that enhances the art of dentistry worldwide.

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The Recipes – **Filtek™ Z350 XT Universal Restorative**

The StyleItaliano method is designed to mimic the three dimensional appearance of natural teeth where the chroma comes from within the dentine core and shines through the translucent enamel layer. Using the dentine and enamel opacities of Filtek™ Z350 XT Universal Restorative, recipes were created following this natural aesthetic design.

Because the enamel layer modifies the colour of the dentine core, its thickness has been standardized in the recipes – for Filtek Z350 XT Universal Restorative, 0.5 mm turned out to be the ideal value for anterior restorations. The recipes were also created to match the VITAPAN® Classical Shade Guide.

StyleItaliano Colour Recipes:

A shade recipes:

A0	▶ Dentine **W**	+ Enamel **A2**
A1	▶ Dentine **A1**	+ Enamel **A3**
A2	▶ Dentine **A2**	+ Enamel **A3**
A3	▶ Dentine **A3**	+ Enamel **A3**
A3.5	▶ Dentine **A4**	+ Enamel **A3**
A4	▶ Dentine **A4**	+ Body **A4**

Shade AO is not a part of the VITAPAN® Classical shade guide.

B shade recipes:

B1	▶ Dentine **A1**	+ Enamel **B2**
B2	▶ Dentine **A2**	+ Enamel **B2**
B3	▶ Dentine **A3**	+ Enamel **B2**

Bleach recipes:

0M2	▶ Dentine **W**	+ Body **XW**
0M3	▶ Dentine **W**	+ Body **W**
A0	▶ Dentine **W**	+ Enamel **A2**

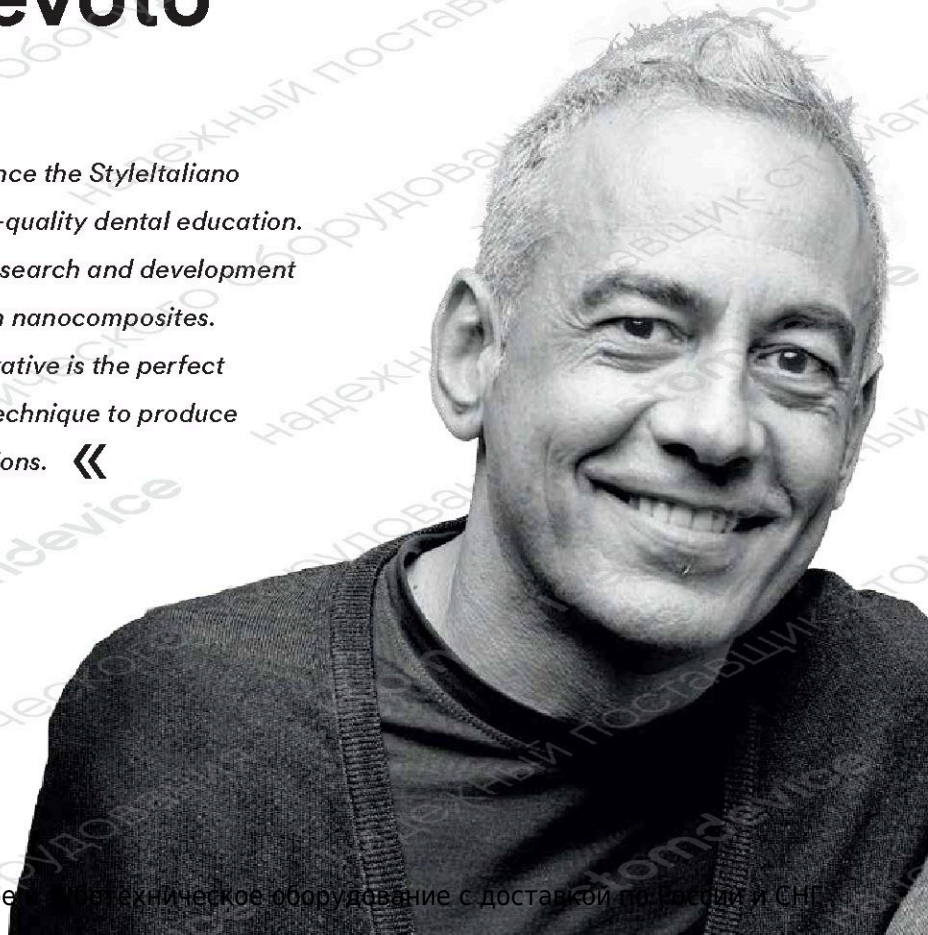


Average enamel thickness 0.5 mm

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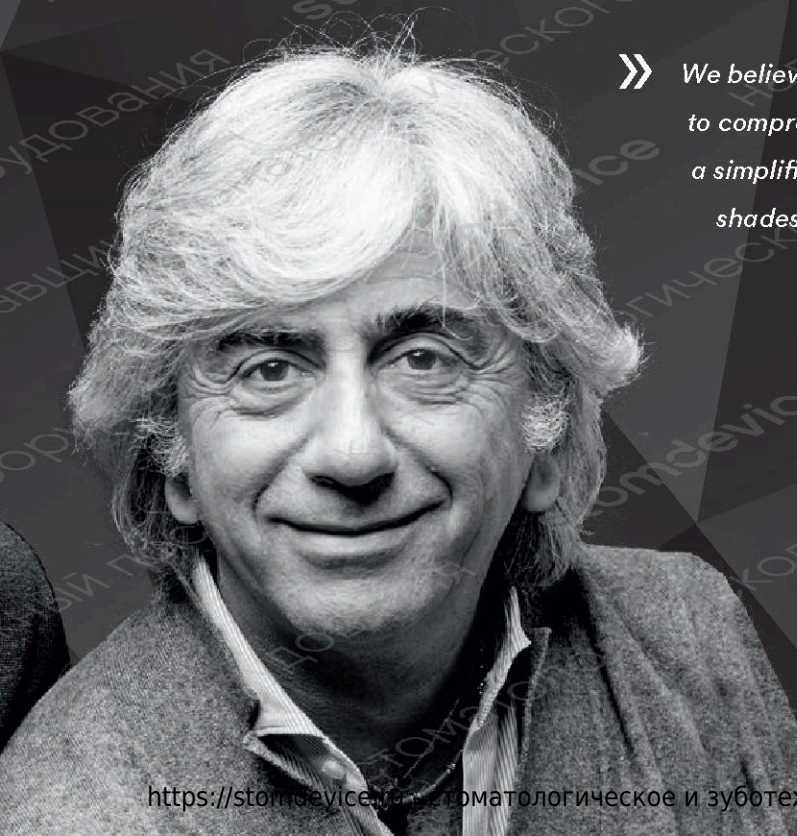
Dr. Walter **Devoto**

» 3M *is the perfect partner to advance the StyleItaliano philosophy. They have a hunger for top-quality dental education. They have a never-ending desire for research and development and are the recognized leader in nanocomposites. Filtek™ Z350 XT Universal Restorative is the perfect product to use with our layering technique to produce beautiful restorations.* «



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Prof. Angelo **Putignano**



» *We believe that conservative dental procedures don't have to compromise on aesthetics. Our goal is to teach dentists a simplified composite layering technique, using only two shades, that any dentist can carry-out, using our well researched shade recipes.* «

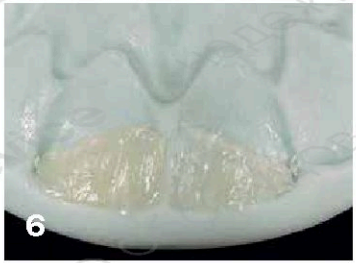
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Initial Situation









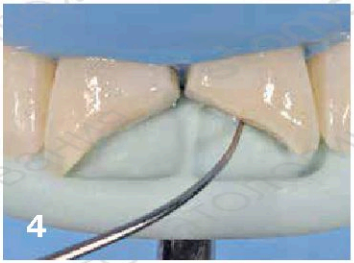


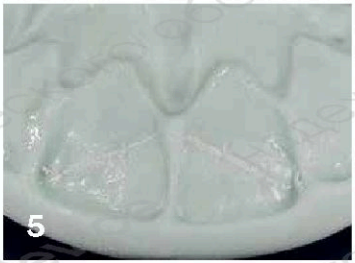
Filtek™ Z350 XT Universal Restorative Recipe

A2 Dentine + **A3** Enamel = **A2**



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Case study:

1 Adult patient dissatisfied with old composite restorations on maxillary incisors.

2 Shade selection using the Vitapan® Classical Shade Guide resulting in shade A2.

3 Removal of the restorations and preparation of the bevel with a diamond bur.

4 Silicone guide created according to the wax-up fabricated in the lab. Limits of the restorations are recorded with a sharp instrument (e.g. LM-Arte Fissura).

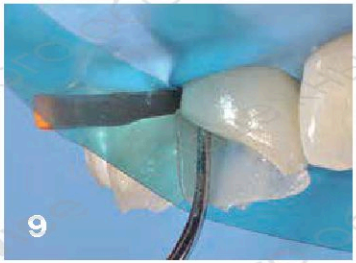
5 Note the inscribed limits of the restorations.

6 Placement of the palatal layer, A3 Enamel.

7 After the bonding procedure, the silicone guide with palatal enamel layer is placed into position.

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Case study:

8 Palatal enamel layer in place after curing.

9 Restoration of the proximal walls with A3 Enamel.

10 Palatal and proximal walls restored with A3 Enamel.

11 Placement of the A2 Dentine. Creation of the 0.5 mm space for the enamel layer is facilitated with an appropriate instrument (e.g. LM-Arte Misura).

12 Creation of the mamelons.

13 Dentine layer in place after curing.

14 Application of the facial layer, A3 Enamel, with a predefined thickness of 0.5 mm.

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Final Restoration



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Initial Situation







Case study:

1 Misaligned lateral incisor.

2 Palatal view.

3 After cleaning the tooth, the first layer of A1 Dentine is applied. Mamelons are created and the composite is cured.

4 A 0.5 mm layer of A3 Enamel is applied and light-cured.

5 The veneer is gently removed with a fine instrument (e.g. LM-Arte Eccesso), then finished and polished.

6 Cementation of the veneer and removal of excess.

Filtek™ Z350 XT Universal Restorative Recipe

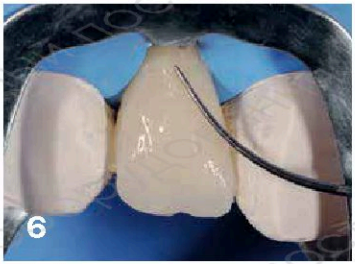
A1 Dentine + **A3** Enamel = **A1**



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Good to know:

- An excellent solution when one wants to achieve optimum results in a single appointment.
- Allows one to re-evaluate the shape, and to finish and polish the restoration much more accurately.

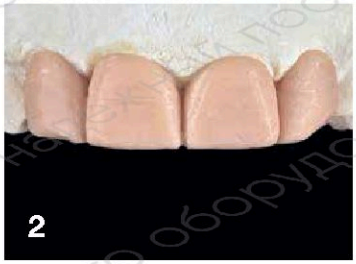
Final Restoration



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Initial Situation







Case study:

1 Abrasion of maxillary incisors in adult patient.

2 Wax design prepared in the lab after preliminary impression.

3 A guide from the waxing will help reconstruct the incisal edges (A3 Dentine).

4 Result of direct reconstruction using A3 Dentine.
Final impression is now taken.

5 Veneers created in the lab with Filtek™ Z350 XT Universal Restorative following the recipe: A3 Dentine and A3 Enamel.

6 Cementation of the veneer and removal of excess.

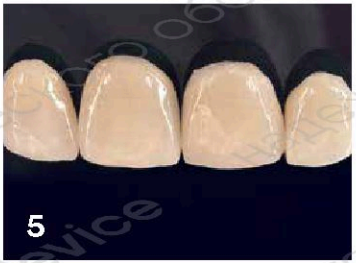
Filtek™ Z350 XT Universal Restorative Recipe

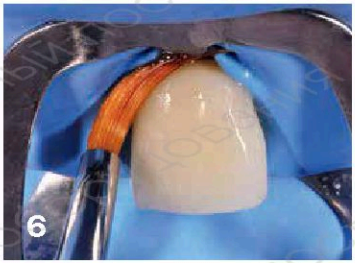
A3 Dentine + **A3** Enamel = **A3**



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Good to know:

- Indirect composite veneers are an excellent alternative to porcelain veneers, especially in patients with dysfunctional occlusion. This technique allows corrections or, if necessary, repair over time.
- In this case no tooth preparation was needed.
- The dental technician can use Filtek™ Z350 XT Universal Restorative for the lab created veneers, simplifying the colour selection.
- Recommendation: roughen the inner surface of the veneer and always condition the natural enamel with orthophosphoric acid as part of the cementation process.

Final Restoration

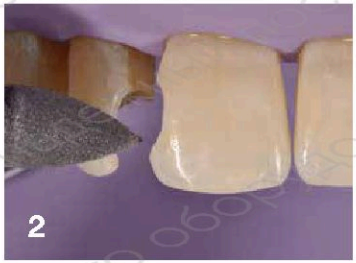
A3
Recipe



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Initial Situation







Case study:

1 Adult patient with old, stained composite restorations.

2 Margins of the preparations are carefully polished with a silicone rubber cone.

3 Palatal view of the preparation. Silicone guide cannot be prepared in this case.

4 After bonding procedure, A4 Dentine is applied carefully to leave enough space for the 0.5 mm enamel layer. Note convex matrix defining the mesial contour and contact.

5 The A3 Enamel layer is placed and finishing begins with a multi-blade finishing bur, ideal for Filtek™ Z350 XT Universal Restorative.

Filtek™ Z350 XT Universal Restorative Recipe

A4 Dentine + **A3** Enamel = **A3.5**



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Good to know:

- In Class III restorations, it is recommended to make a long vestibular bevel with a bur. The edges have to be polished perfectly with disks or rubberized cones.
- The convex matrix is ideal for managing a good contact point.

Final Restoration



A3.5
Recipe

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Initial Situation







Case study:

1 Adult patient with fractured restoration on central incisor and discoloured composite on lateral incisor.

2 Shade selection with the A3 and A4 shade tabs made from Filtek™ Z350 XT Universal Restorative using the 3M™ Filtek™ Easy Layering Shade Guide Kit.

3 The A4 shade is chosen as the best match.

4 Final preparation prior to bonding procedure.

5 Placement of the A4 Dentine layer, leaving place for the 0.5 mm Body layer.

6 Placement of the inter-proximal matrix followed by the restoration of the distal wall of the central incisor and application of the final layer, A4 Body.

Filtek™ Z350 XT Universal Restorative Recipe

A4 Dentine + **A4** Body = A4

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Good to know:

- The individual shade tabs made from Filtek™ Z350 XT Universal Restorative according to the StyleItaliano recipes and layering technique help you make the right shade selection and achieve consistent aesthetic results.
- In order to obtain a good contact point it is recommended to, first, restore one tooth and finish inter-proximally with an abrasive strip. Then restore the second tooth after inserting the second matrix and wooden wedge in the inter-proximal space.
- The ideal consistency of Filtek Z350 XT Universal Restorative helps position the dentine shade without the use of a matrix.

Final Restoration



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Featured **products**

StyleItaliano – **excellent aesthetics, m**

3M™ Single Bond Universal Adhesive

Versatile. High bond strength. For use on any dental surface, with any etching technique and virtually no post-operative sensitivity.



3M™ Filtek™ Z350 XT Universal Restorative

Beautiful for anterior restorations, but also strong enough for posterior restorations. Unsurpassed aesthetics, excellent polish retention, and exceptional handling.



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ade easy!

With 3M and StyleItaliano it's easy for you to create high-end, natural-looking restorations while saving valuable time. Optimize your outcomes by simplifying your technique.



3M™ Elipar™ DeepCure-L LED Curing Light

Predictable, reliable cure. Excellent depth of cure even when light positioning is difficult. Optimized light guide is more comfortable for patients.





3M™ Sof-Lex™ Diamond Polishing System

Imparts a gorgeous pastelike gloss with the convenience of a rubberized system. Fast and easy to use. Multi-use, can be sterilized and reused.



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StyleItaliano recommends:

- 3M™ Filtek™ Z350 XT Universal Restorative **www.3MESPE.com**
- ARTE Instruments from LM **www.lminstruments.com**

Clinical case study photos courtesy of StyleItaliano.

3M

www.3m.co.id/3M/en_ID/dental-id

3M Indonesia
Perkantoran Hijau Arkadia, Tower F, 8th floor
Jl TB Simatupang | Jakarta Selatan 12520 Indonesia
Office : +621 2997 4000
Phone : +62 813 1554 0844

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