



Smile

COMPONEER[®]

Direct Composite Veneers
Innovative and amazingly easy
restoration of anterior teeth

 **COLTENE**

COMPONEER®

The First Direct Composite Veneering System.

**For innovative and amazingly
easy restoration of anterior teeth**

COMPONEER are polymerized, prefabricated nano-hybrid-composite enamel shells that combine the advantages of direct composite restoration with the advantages of prefabricated veneers. This is the first perfected system to allow amazingly easy restoration of anterior teeth with customized composite shells.





The pre-shaped COMPONEER veneers are available in different sizes and are easy to use for single-tooth reconstruction as well as complete reconstruction in the anterior region. Time-consuming forming of the anatomical shape and surface and elaborate trimming are no longer required. COMPONEER can be customized to individual requirements with composite at any time.

Set off with a smile

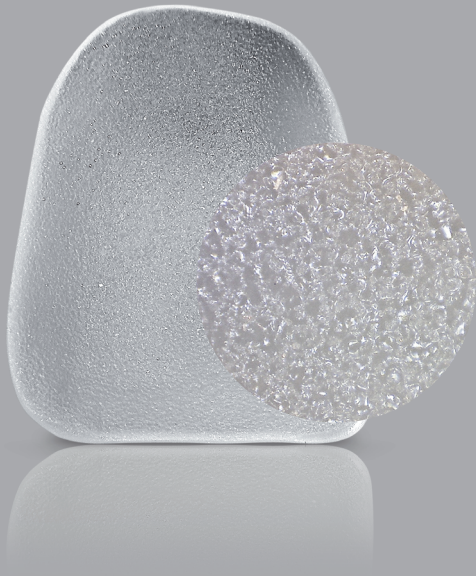
With COMPONEER, quality aesthetic restoration of anterior teeth can be performed efficiently in just a single session. Until now the dentist could only choose between a directly modeled composite restoration or elaborate indirect veneer technology. The Direct Composite Veneer System adds a new and interesting dimension to existing treatment options and gives dentists and patients new economic perspectives. Patients can be given a naturally aesthetic smile in just a single session.

Advantages for the dentist:

- Easy and efficient to use
- Only one session required
- Quality dental restorations with excellent aesthetic results
- No impressions or laboratory necessary
- Optimum customization (choice of color, highlighting shape and structure)
- Economical for dentists and patients due to high success rate and efficiency
- High added value: the solution for many patients with reasonable investment for the dentist

Good reasons for the patient:

- Beautiful teeth after one appointment
- High level of conservation of tooth substance
- Reduced treatment stress
- Customized solution
- High surface and edge quality
- More economical than indirect solutions



Novel inner surface with micro-retentive structure for a permanent bond (24 MPa, see study "One Coat Bond" page 7).

COMPONEER - Technical data:

Bending modulus	9000 MPa
Bending strength	127 MPa
Water absorption	16 $\mu\text{g}/\text{mm}^3$
Water solubility	0.9 $\mu\text{g}/\text{mm}^3$
X-ray opacity	2 mm Al
Vickers hardness	73 kg/mm^2
Compression strength	392 MPa
Smallest particle size	20 nm
ϕ particle size of filler	0.6 μm
Filler content by weight	80%
Filler content by volume	65%
Density	2.0 g/mm^3

(Reference: internal measurements)



*Veneers as thin as 0.3 mm.
This allows a minimally invasive preparation.*

Such perfection, even our development team had to smile with pride.

An easy-to-use product. A fantastic solution. A perfected system. COMPONEER, Direct Composite Veneers, are a completely new class of veneers. They are manufactured industrially from highly filled nano-hybrid-composite which ensures excellent homogeneity and stability of the enamel shells. The extremely thin veneers (as thin as 0.3 mm) allow a high level of conservation of hard tooth substance during preparation. The shiny and naturally designed surface adds a look of vitality to the restoration.

The novel micro-retentive inner surface increases wettability and ensures a lasting bond. Special conditioning of the veneer is not necessary. All this makes COMPONEER a milestone in veneer technology. A well-thought-out range of instruments, as well as comprehensive information material for dentists and patients, round off the product line. This quickly gives the user the information required to perform attractive, natural restorations effectively and economically.

13	12	11	21	22	23
6	7	8	9	10	11

13	12	11	21	22	23
6	7	8	9	10	11

43	42	41	31	32	33
27	26	25	24	23	22



Maxilla (MX) small



Maxilla (MX) large



Mandibula (MD) small



Maxilla (MX) medium



Maxilla (MX) x-Large



Mandibula (MD) medium

Maxilla	FDI ₁	13	12	11	21	22	23
	US ₂	6	7	8	9	10	11
mm	Height x Width	Height x Width	Height x Width	Height x Width	Height x Width	Height x Width	Height x Width
S	8.7 × 6.6	8.0 × 6.3	8.9 × 7.4	8.9 × 7.4	8.0 × 6.3	8.7 × 6.6	
M	9.6 × 7.3	8.9 × 7.0	9.9 × 8.2	9.9 × 8.2	8.9 × 7.0	9.6 × 7.3	
L	10.6 × 8.0	9.7 × 7.7	10.9 × 9.1	10.9 × 9.1	9.7 × 7.7	10.6 × 8.0	
XL	12.1 × 9.2	11.1 × 8.8	12.8 × 10.7	12.8 × 10.7	11.1 × 8.8	12.1 × 9.2	

Mandibula	FDI ₁	43	42	41	31	32	33
	US ₂	27	26	25	24	23	22
mm	Height x Width	Height x Width	Height x Width	Height x Width	Height x Width	Height x Width	Height x Width
S	9.2 × 6.5	9.2 × 5.3	9.2 × 5.5	9.2 × 5.5	9.2 × 5.3	9.2 × 6.5	
M	10.2 × 7.3	10.2 × 5.9	10.2 × 6.1	10.2 × 6.1	10.2 × 5.9	10.2 × 7.3	

FDI₁ World Dental Federation
US₂ The Universal Numbering System



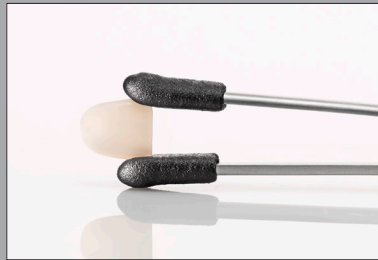
SYNERGY D6 and SYNERGY D6 Flow

The universal nano composite is perfectly color-matched to COMPONEER. A comprehensive variety of shades, excellent modeling properties and high resistance to dental operating lights make this composite ideal for bonding veneers. SYNERGY D6 FLOW with its excellent flow properties, is available for contouring and adding that final touch.



One Coat Bond

This Total Etch Bond is a light-cured mono-component bonding agent. Since COMPONEER is primarily bonded to enamel this is the ideal choice for an adhesive. The bond is simply applied to the brush or COMPONEER via the syringe. Only one application layer is required due to the excellent wettability. Strong, permanent bonding forms the basis for invisible edges and long lasting perfect aesthetics.



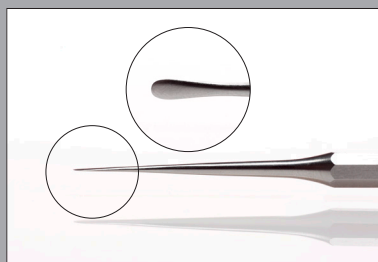
COMPONEER Holder

The holder is a pair of specially designed holding tweezers which considerably simplify shape corrections to COMPONEER as well as the application of the bond. The interchangeable holder caps (black protective caps) protect the COMPONEER.



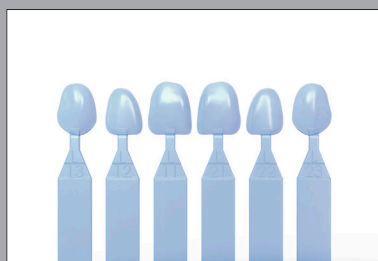
COMPONEER Placer

An instrument developed by practicing experts: the placer is used to align and position the veneers correctly and without slipping.



COMPONEER Modeling Instrument MB5

The straight end of this instrument is exceptional in design and allows for free rotation during treatment. The spatula end is extremely thin and sharp for cutting away excess composite.



COMPONEER Contour Guide

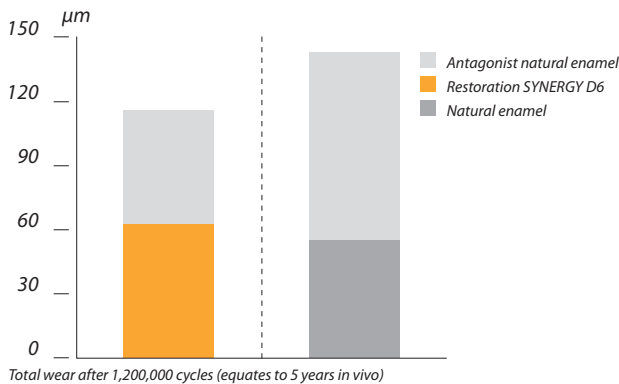
The unique transparent contour guides permit precise contour conformity and thus selection of the right tooth shape. A total of 30 different shapes are available: 6 per size.

Three reasons to smile. Triple reliability.

SYNERGY D6

Optimized abrasion resistance

The abrasion resistance of SYNERGY D6 is comparable to that of natural enamel and protects the opposing cusps.

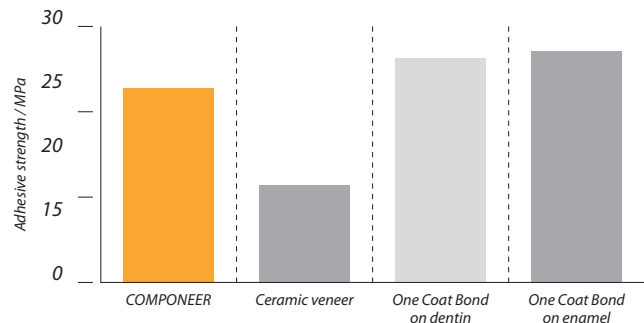


(Reference: measurements at the universities of Geneva/Zurich)

One Coat Bond

Strong bonding values

One Coat Bond requires only a single application step for perfect adhesion. COMPONEER in combination with One Coat Bond demonstrates excellent adhesion: on composite, enamel, dentin. This ensures reliable and long-lasting adhesion of the restoration. The adhesive strength of COMPONEER is considerably greater than that for ceramic veneers due to the special micro-retentive surface.

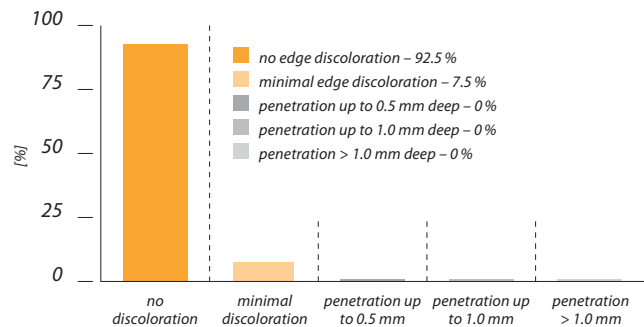


(Reference: data on file)

COMPONEER

Testing edge seal by observing dye penetration

The tightness of the edge seal after alternating mechanical and thermal load is outstanding. 92.5% of all samples showed no dye penetration; 7.5% showed only minimal discoloration on the edges. In other words, 100% of the samples exhibited no or only minimal edge discoloration – a highly positive outcome. The adhesive retention also proved to be stress-resistant. No retention losses were seen.



(Source: Study conducted by the University of Geneva)

A smile for virtually all occasions.

Whether for incisor extensions, the covering of massive discoloration or the closing of diastemas, aesthetic corrections can be carried out quickly and easily with COMPONEER. This closes the gap between time-consuming freehand and expensive invasive veneer techniques. Fractures, malposition, or anatomical malformation can also be elegantly and permanently restored using the Direct Composite Veneering System. Especially in extensive reconstruction, the contralateral teeth can be efficiently set to symmetrical positions.

Clinical Indications

Treatment of caries

1. Extensive cervical and interdental caries, discoloration of enamel, and slight malposition
2. Caries treated and homogenized anterior with COMPONEER



Optimization of old restorations

1. Extensive old and insufficient restorations
2. Reconstructed function with COMPONEER



Attrition, abrasion, erosion

1. Edge-to-edge occlusion with abraded and broken anterior teeth with old restoration
2. Functional and aesthetic teeth with normal overjet constructed with COMPONEER



Tooth fracture

1. Loss of 1/3 of anterior tooth by fracture
2. Simplified shaping and construction with COMPONEER



Aesthetic / Cosmetic Indications

Extending incisors

1. Slightly shortened incisal edge with moderate malposition
2. The tooth proportions are reconstructed and aligned with COMPONEER



Malposition

1. Extensive malposition with crowding
2. Axially aligned correction and repositioning with COMPONEER



Cosmetic correction

1. Intrinsic, non-bleachable yellow discoloration and slightly too short teeth
2. Brightened teeth with COMPONEER



Discoloration

1. Extensive discoloration of enamel and dentin, cervical lesions
2. Restored function and aesthetics with COMPONEER



Anatomical malformation

1. Unevenly shaped teeth, conical tooth, diastema and malposition
2. Alignment of teeth, also to lip, with COMPONEER



Diastema

1. Diastema and anterior teeth too long
2. Gap closure and realignment with COMPONEER



COMPONEER®

So easy
to use
it makes you smile.

Benefits for patients & dentists

Whether for an individual tooth or total reconstruction, COMPONEER is an easy-to-use and safe concept covering a wide variety of indications. Patients benefit from permanent direct restoration treatment and dentists have new efficient treatment options.

Clinical case studies

1. Old composite veneers with insufficient edges



3. Teeth aligned with COMPONEER to contours of upper and lower lip

2. Removal of old composite and etching of teeth



4. Individualized characteristics in spite of contralateral symmetry of COMPONEER

1. 9 with enamel fractures, demineralization and old composite treatment



3. Optimal brightness in spite of marked surface structure

2. Minimally invasive preparation



4. Optimal marginal adaptation at smallest layer thickness

Properties in clinical use

COMPONEER is a complete well-thought-out system. All auxiliary tools have been specially developed and matched to ensure easy and safe use.

1. Initial situation:
discolored teeth, extensive caries, malposition, incorrect axial alignment



2. Select enamel and dentin shade with shade guide prior to isolation, ideally under daylight lamp



3. The perfectly matching COMPONEER is selected using the bluish transparent Contour Guides



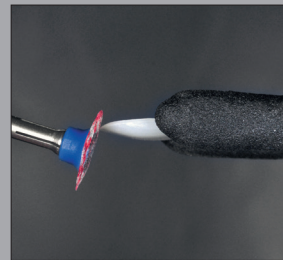
4. Rubber Dam adhesion technique facilitates functional working



5. Prior to opening the sealed COMPONEER, the shape is verified again following preparation



6. Careful grinding of the COMPONEER to give an exact fit



7. The composite is distributed on the tooth using the MB5 modeling instrument. The placer is used for stress-free application of the COMPONEER to its final position.



8. Final check for perfect edges before removing the rubber dam



9. After two weeks



SYSTEM KITS	Tips	Syringes
 <p data-bbox="266 594 324 617">C1300</p> <p data-bbox="501 193 818 216">COMPONEER PREMIUM System Kit</p> <p data-bbox="501 224 659 247">84 COMPONEER:</p> <p data-bbox="501 256 769 279">each upper Set: 6, 7, 8, 9, 10, 11</p> <p data-bbox="501 287 812 310">each lower Set: 22, 23, 24, 25, 26, 27</p> <ul data-bbox="532 317 1016 705" style="list-style-type: none"> 1 COMPONEER Set upper S - Enamel Universal 1 COMPONEER Set upper M - Enamel Universal 2 COMPONEER Set upper L - Enamel Universal 1 COMPONEER Set upper XL - Enamel Universal 1 COMPONEER Set upper S - Enamel White Opalescent 1 COMPONEER Set upper M - Enamel White Opalescent 2 COMPONEER Set upper L - Enamel White Opalescent 1 COMPONEER Set upper XL - Enamel White Opalescent 1 COMPONEER Set lower S - Enamel Universal 1 COMPONEER Set lower M - Enamel Universal 1 COMPONEER Set lower S - Enamel White Opalescent 1 COMPONEER Set lower M - Enamel White Opalescent 1 COMPONEER Accessory Set / Material and Instruments 	C1300	C1301
 <p data-bbox="266 1016 324 1039">C1304</p> <p data-bbox="501 781 786 804">COMPONEER BASIC System-Kit</p> <p data-bbox="501 812 659 835">24 COMPONEER:</p> <p data-bbox="501 844 769 867">each upper Set: 6, 7, 8, 9, 10, 11</p> <ul data-bbox="532 873 1016 1018" style="list-style-type: none"> 1 COMPONEER Set upper M - Enamel Universal 1 COMPONEER Set upper L - Enamel Universal 1 COMPONEER Set upper M - Enamel White Opalescent 1 COMPONEER Set upper L - Enamel White Opalescent 1 COMPONEER Accessory Set / Material and Instruments 	C1304	C1305



COMPONEER Accessory Set / Material and Instruments

- COMPONEER Contour Guide, 1 each size (upper: S, M, L, XL lower: S, M)
- One Coat Bond (1 x 1.2 ml), Etchant Gel S (1 x 2.5 ml), SYNERGY D6 Dentin A1/B1, BL/O (Bleach Opaque)
- SYNERGY D6 Enamel White Opalescent, Enamel Universal (each color: 10 x 0.25 g Tips; 1 x 4 g Syringe)
- 1 Shade Guide COMPONEER-SYNERGY D6, SYNERGY D6 Flow
- 15 Bent Appl. Needles "Flow"
- 1 MB5 Modeling Instrument
- 1 Holder and 10 Holder Caps
- 1 Placer, 2 Placer Adapters, 10 Placer Tips
- Brushholder black and 1 pack brushes (50 pcs.)
- Composite Plus Fine Cup and Point, Composite Plus Ultrafine, Cup and Point (1 pc. each)
- Swissflex Trial Kit (1 Mandrel, 11 Discs)

COMPONEER™ SETS AND REFILLS		Enamel White Opalescent	Enamel Universal
COMPONEER Set upper S , 6 Veneers: 6, 7, 8, 9, 10, 11		1311	1316
COMPONEER Refill upper S , 2 Veneers	6	1323	1353
	7	1322	1352
	8	1321	1351
	9	1324	1354
	10	1325	1355
	11	1326	1356
COMPONEER Set upper M , 6 Veneers: 6, 7, 8, 9, 10, 11		1312	1317
COMPONEER Refill upper M , 2 Veneers	6	1329	1359
	7	1328	1358
	8	1327	1357
	9	1330	1360
	10	1331	1361
	11	1332	1362
COMPONEER Set upper L , 6 Veneers: 6, 7, 8, 9, 10, 11		1313	1318
COMPONEER Refill upper L , 2 Veneers	6	1335	1365
	7	1334	1364
	8	1333	1363
	9	1336	1366
	10	1337	1367
	11	1338	1368

COMPONEER™ SETS AND REFILLS		Enamel White Opalescent	Enamel Universal
COMPONEER Set upper XL , 6 Veneers: 6, 7, 8, 9, 10, 11		60014010	60014012
COMPONEER Refill upper XL , 2 Veneers	6	60014000	60014006
	7	60013999	60014005
	8	60013998	60014004
	9	60014001	60014007
	10	60014002	60014008
	11	60014003	60014009
COMPONEER Set lower S , 6 Veneers: 22, 23, 24, 25, 26, 27		1314	1319
COMPONEER Refill lower S ,	22	1341	1371
	23	1340	1370
	24	1339	1369
	25	1342	1372
	26	1343	1373
	27	1344	1374
COMPONEER Set lower M , 6 Veneers: 22, 23, 24, 25, 26, 27		1315	1320
COMPONEER Refill lower M ,	22	1347	1377
	23	1346	1376
	24	1345	1375
	25	1348	1378
	26	1349	1379
	27	1350	1380



6001 1105



6001 1107

COMPOSITES AND BONDINGS		
One Coat Bond, 1.2 ml		7879
Etchant Gel S, 2.5 ml		7373
SYNERGY D6	Tips (each tip contains 0.25 g; 10 tips/pack)	Syringes (each syringe contains 4.0 g; 1 syringe/pack)
Bleach Opaque BL/O	60013813	60013814
Dentin White Bleach	8375	8365
Dentin A1/B1	8376	8366
Dentin A2/B2	8377	8367
Dentin A3/D3	8378	8368
Dentin A3.5/B3	8379	8369
Dentin C2/C3	8380	8370
Enamel Universal	8381	8371
Enamel White Opalescent	8382	8372
Dispenser for Composite Tips, 1 pc.		6671
Shade Guide COMPONEER - SYNERGY D6, BL/O, 1 pc.		60013812
SYNERGY D6 FLOW (1 syringe/pack, 2.3 g each)		
A1/B1		7651
A2/B2		7652
A3/D3		7653
A3.5/B3		7654
White Bleach		7656
Enamel Universal		7657
SYNERGY D6 FLOW Needles, 1 pack/20 pcs.		8469
INSTRUMENTS/ACCESSORIES		
MB5 Modeling Instrument, 1 pc.		60011110
Holder, 1 pc.		60011105
Holder Cap, 40 pcs.		60011106
Placer, 1 pc.		60011107
Placer Adapter, 5 pcs.		60011108
Placer Tip, 50 pcs.		60011109
Brushholder black, 1 pc.		60011111
Brushes, 1 pack, 50 pcs.		60011112
COMPONEER Contour Guide, 5 sizes, 1 each size	upper small	7000
	upper medium	7001
	upper large	7002
	upper extra large	60014011
	lower small	7003
	lower medium	7004
Composite Plus Fine, Cup, 5 pcs.		RP230295RA
Composite Plus Ultra Fine, Cup, 5 pcs.		RP230303RA
Composite Plus Fine, Point, 5 pcs.		RP230293RA
Composite Plus Ultra Fine, Point, 5 pcs.		RP230301RA
SwissFlex Intro Kit		RP250095KT

All you need for a successful start.

The COMPONEER Box A smile for immediate ordering

Everything you need for applying COMPONEER is included in the COMPONEER™ System Kit.



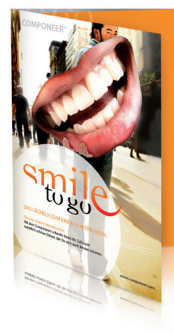
COMPONEER Direct Composite Veneers

- Contour Guide
- One Coat Bond
- SYNERGY D6 (tips or syringe) in the shades dentin A1/B1 and dentin A2/B2 as well as enamel W/O and enamel universal
- SYNERGY D6 FLOW with application needles
- Various polishers
- Accessories
- COMPONEER Holder
- COMPONEER Placer
- MB5 Modeling Instrument

COMPONEER Info Kits Promotional Items

Patient brochures
DVD and CD

US - C1390
CANADA - C1390-01





Dr Mario Besek

"The new COMPONEER Veneer System for the restoration of anterior teeth extends treatment options by combining the advantages of minimally invasive composite restoration and laboratory-made veneer technology. The advanced system offers patients and dentists new economical perspectives, all in just a single session."

Make your patients smile.

With **COMPONEER** by Coltène.

If you require further **INFORMATION** or wish to place an order, our sales team is always at your service.

Simply visit us at: www.componeer.info or componeersmile.com

Coltène/Whaledent Inc.
235 Ascot Parkway
Cuyahoga Falls, OH 44223 / USA
Tel. USA & Canada +1 800 221 3046
+1 330 916 8800
Fax +1 330 916 7077
info.us@coltene.com

Coltène/Whaledent AG 
Feldwiesenstrasse 20
9450 Altstätten / Switzerland
Tel. +41 (0)71 757 53 00
Fax +41 (0)71 757 53 01
info.ch@coltene.com

Coltène/Whaledent GmbH + Co. KG 
Raiffeissenstrasse 30
89129 Langenau / Germany
Tel. +49 (0)7345 805 0
Fax +49 (0)7345 805 201
info.de@coltene.com

 **COLTENE**