

## INSTRUCTION MANUAL

Components: 76% filler particles (0.010 – 0.400 microns), BIS-GMA and UDMA resins.  
Packaging: 2 g.

## PROFILLER FLOW - FLOW COMPOSITE AESTHETIC

## 1- Description

PROFILLER Flow Composite Aesthetic is a flowable composite, radiopaque filling material that hardens with visible light for restorative applications. The flowable composite has high, low and medium viscosity forms. It contains 76% filler particles (0.010 – 0.400 microns) by weight. The matrix of the flowable composite consists of BIS-GMA and UDMA resins.

Curing of the fluid composite can be easily achieved by using a light curing unit with a wavelength between 400 and 500 nm. (The recommended light intensity is 1200 mW/cm<sup>2</sup>, it is recommended to extend the curing time in lower intensity devices.) PROFILLER Flow Composite Aesthetic dental treatment involves a complex surgical procedure. The instructions provided in the user manual inside the box are not sufficient to perform the filling process. Such applications should be performed by specialist dentists who have received the necessary training in this field.

PROFILLER Flow Composite Aesthetic is traditionally supplied in a twist-up syringe or capsule. For a single-use capsule, place the capsule into the dispenser gun. See restorative application instructions for instructions and precautions.

Classification of the product according to Product Type Standard EN ISO 4049:

Type 1 / Class II / Group 1

## 2- Usage area / Indications

- Loss of tooth material due to caries, trauma, tooth wear/wear or development, disorders.
- Class I and II fillings, anterior fillings (class III, IV), class V fillings (cervical caries, root erosions, wedge-shaped defects), any minor fillings,
- Repair of the composite,
- Repair of ceramic coatings, bis-acrylic temporary

## 3- Usage

1. Select the color of the composite to use.
2. Provide a dry work area, preferably with rubber matting.
3. Prepare the cavity in accordance with adhesive technique rules.
4. Clean the gap with water spray.
5. Air dry the cavity.
6. Selectively apply pulp protection (calcium hydroxide) only when necessary (nearby.) paste and cover with a pressure-resistant cement.
7. Place the matrix/interdental wedge.
8. Perform conditioning and application of binder according to the instructions below.
9. Apply the fluid composite with the application tip in layers with a maximum thickness of 2 mm.
10. Light devices must emit at 450 nm and regularly. The light intensity to be controlled must be minimum. 500 mW/cm<sup>2</sup>. Place the light as close to the fill material as possible.
11. Finish with suitable finishing burs or fine-grain diamonds.
12. Check for clogging.
13. Polish with polishing discs and polishing strips as well as silicone polishers.

Model	Curing Thickness	Light Application Time
A1, A2, A3, B1, B2, B3, B4, C1, C2, A20,BW,TR	2,0 mm	20 seconds
A4, C3, C4	2,0 mm	40 seconds

NOTE: The recommended light intensity is 1200 mW/cm<sup>2</sup>, it is recommended to extend the curing time in devices with lower intensity.

After the curing process is completed, shape the restoration surfaces with thin diamond finishing burs or stones. Ensure and check occlusion with a fine polishing bur or stone.

## PROMIDA DIŐ MALZEMELERİ SAN. TİC. LTD. ŐTİ.

75. YIL MAH. KÜÇÜK ORGANİZE SANAYİ 3. CADDE 6A  
ODUNPAZARI/ESKİŐEHİR

[info@promida.com.tr](mailto:info@promida.com.tr) [www.promida.com.tr](http://www.promida.com.tr)



HİMĞ SERAMİK VE MEDİKAL KOMPOZİT SANAYİ VE TİCARET  
LİMİTED ŐRKETİ

**4- Contraindications**

Application of PROFILLER Flow Composite Aesthetic is contraindicated, in cases where a dry work area or the recommended application technique is not possible, directly on the rolled pulp or when allergy to any component of the PROFILLER Flow Composite Aesthetic is known. If an allergic reaction occurs, seek medical attention as appropriate, remove the product if necessary, and do not use this product on this patient in the future.

**5- Side effects**

Do not use in patients with hypersensitivity to its ingredients.

**6- Warning**

- Protect the product from light. Exposure to the clinic room may cause discoloration and curing.
- To avoid incomplete curing or entrapment of bubbles, do not apply Flow Composite Aesthetic with other resin composites or shadows.
- Do not use Flow Composite Aesthetic for any purpose other than those stated in the instructions for use.
- Do not use products whose packaging has been opened, damaged and/or expired.
- If Flow Composite Aesthetic causes an allergic reaction, a hypersensitive reaction such as dermatitis or hypersensitivity on the skin, consult your physician.
- To avoid the possibility of allergic reactions due to methacrylic monomers, always use examination gloves (plastic, vinyl or latex) when handling Flow Composite Aesthetic.
- Avoid contact of Flow Composite Aesthetic with eyes, mucosal membrane, skin and clothing as it may cause an allergenic reaction.
- Flow Composite Aesthetic should not be swallowed or inhaled.
- Keep the product out of reach of children.
- DO NOT use Flow Composite Aesthetic after the expiration date printed on the syringe/capsule or package.
- Avoid looking into the curing light when using the light-curing unit, use protective eye shields, goggles or large type glasses.
- Flow Composite Aesthetic is supplied in 2.0 and 4.0 gram syringe or capsule form. Products that are opened and left open may damage the material and design characteristics.
- PROMİDA DIŞ MALZEMELERİ SAN. TİC. LTD. ŞTİ. will not accept any liability for any injuries/discomforts resulting from misuse of the product. Returns of products with damaged original packaging will not be accepted.
- To dispose of Flow Composite Aesthetic safely, squeeze the unused portion of the syringe and light cure before discarding.
- Please use personal protective equipment such as mask, glasses and apron during the procedures.
- The color coding of the products is made in accordance with the VITA Zahnfabrik color grading.

**7- Storage conditions**


Store PROFILLER Flow Composite Aesthetic at a temperature between 2-27°C. Shelf life at the specified temperatures is 36 months (3 years) from the date of production. PREVENT PROFILLER Flow Composite Aesthetic from coming into contact with direct light and heat.










**NOTE:**

Our products are produced for use in dentistry. It is not suitable for use other than professional dentists. Since the use of the products is under the control of the user other than us, the user is completely responsible for the applications. We recommend using it in accordance with the information and warnings given in the instructions.

**\*\* Disposal:** Products should be treated according to their biological hazards and disposed of in accordance with the country's legal regulations and hospital policies.

**8- Symbols and Meanings:**

<b>PROMİDA DIŞ MALZEMELERİ SAN. TİC. LTD. ŞTİ.</b> 75. YIL MAH. KÜÇÜK ORGANİZE SANAYİ 3. CADDE 6A ODUNPAZARI/ESKİŞEHİR <a href="mailto:info@promida.com.tr">info@promida.com.tr</a> <a href="http://www.promida.com.tr">www.promida.com.tr</a>	 HİMĞ SERAMİK VE MEDİKAL KOMPOZİT SANAYİ VE TİCARET LİMİTED ŞİRKETİ
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<b>LOT</b>	Lot number		Manufacturing Date
<b>REF</b>	Catalog Number		Manufacturer
	Use on time		Keep away from sunlight
	Warning, Consult the accompanying documents.		Refer to the Instructions for Use.
	Storage temperature range		Notified body
	Store in dry place.		