



HADER
SOLUTIONS



Specialties

USER GUIDE



www.hader.eu

The **Hader Specialties line** brings together a selection of high-performance materials designed to support dental professionals across a wide range of laboratory and clinical applications. From bonding and separating agents to aesthetic modifiers, each product has been developed to enhance efficiency and ensure long-term results in prosthetic and restorative work. Whether improving aesthetics, securing components, or facilitating reliable cementation, the **Specialties line** delivers dependable solutions and work hand in hand with other **Hader** products.

MULTI Composite and Primer System

Multi is a chemically activated, self-hardening bonding system designed for high-strength adhesion between zirconia, metal alloys, porcelain, and acrylics. It is ideal for luting zirconia to titanium bases and for a variety of restorative applications. For optimal results, **always combine with Multi Primer**, which ensures superior adhesion and material compatibility.



PART NAME	REFERENCE	DESCRIPTION
Multi Composite (Colourless)	1041015-1	2x 4g - 6x Automix tips
Multi Composite O (Opaque White)	1041018-1	2x 4g - 6x Automix tips
Multi Primer	1041016-1	5ml
Mix Tips	1041017-20	20 PCS

Key Advantages

- Ideal for luting **zirconia** structures to titanium, Cr-Co, gold, stainless steel, and ceramics.
- **Self-Curing** and **Auto-mixing** tips for simple application.
- **Reliable Bonding Strength:** Zirconia: 25.5 N/mm², Titanium: 21.4 N/mm², Cr-Co: 37.7 N/mm², Gold: 21.7 N/mm²
- Smooth, bubble-free, working time of 3–4 minutes.
- **Bis-GMA and TEGDMA free** for improved biocompatibility.

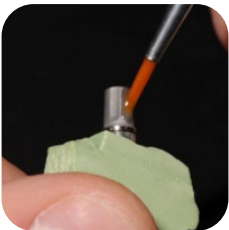
Instructions for Use



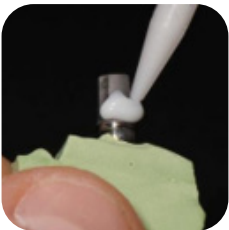
1. **Clean** (alcohol) and **sandblast** (aluminum oxide 50 µm)



2. **Dry** with compressed air



3. Apply **Multi Primer** to both surfaces and let dry for 2 minutes



4. Apply **Multi Composite** with auto-mix tip



5. **Join components** (working time: 3–4 min)



6. **Remove excess** within 8 min and let it set for at least 30 min

Multi Primer ensures optimal performance with Multi Composite, while also increases retention between acrylic and metal frames, attachments and orthodontic appliances.



1. **Sandblast** (aluminum oxide 50 µm)
2. Apply **Multi Primer** thinly with a dry brush
3. Let **dry** for 2 minutes.

Storage Guidelines

- Multi Composite / Multi O at 3.9 °C (39 °F)
- Multi Primer at 10–25 °C (50–77 °F)
- Let the composite reach room temperature before use

3-CP

Aesthetic Conditioner for Non-Precious Alloys

3-CP is a conditioning agent developed to enhance the bond between titanium-free, non-precious metal alloys and ceramic veneering materials. It improves both the **mechanical retention** and **optical outcome**, delivering a more natural final shade by masking greyish metal tones. After firing, **it leaves a warm golden-yellow surface**, ready for ceramic layering.

REF- 1041019-1 Content: 20g



Key Advantages

- **Enhanced Aesthetic.** Provides a **yellow-toned base** that improves the visual warmth and natural look of veneered ceramics.
- **Improves bonding** between ceramic and non-precious alloys.
- Simple and Safe to Use.
- **Versatile Application.** Compatible with a wide range of **titanium-free, non-precious alloys**.

Instructions for Use

Surface Preparation

1. **Finish** the metal framework with tungsten carbide burs.
2. **Sandblast** with 250 µm aluminium oxide.

Application and Firing

3. **Mix 3-CP** with distilled water to form a smooth paste.
4. **Apply** a single, thin, and uniform layer to the surface.
5. **Fire** under vacuum. Start at 650 °C, increase at 55 °C/min, up to 980 °C. No stabilisation or holding time required

After Firing

6. The surface will appear light to golden yellow depending on the alloy used. **Proceed with ceramic veneering** as usual.



Important: Do not reuse mixed 3-CP paste.

Store at room temperature, in the original sealed container. Avoid contamination and moisture ingress.

SITE B

Bonding Composite for Metallic Components

Site B is a dual-component composite used for bonding TITANAX retention elements, telescopic and conical crowns, and other prefabricated metal components to model casts or directly in the mouth. It enables a passive fit, ensuring long-term stability.



REF- 1041020-1 Content: 2 x 2g composite
6 auto-mix tips

Key Advantages

- **Passive Fit Bonding.** Stress-free connection of primary and secondary structures.
- **Versatile Applications.** Denture attachments, telescopic crowns, and various prefabricated retention parts.
- **High Stability.** Provides excellent final hardness and thermal resistance up to 120 °C.
- **Easy Handling.** Auto-mix tip system for precise application and minimal waste.
- For **Lab and Chairside** Use.

Instructions for Use

1. **Sandblast** metal surfaces with 150 µm aluminium oxide.
2. **Attach the auto-mix tip** and discard initial material.

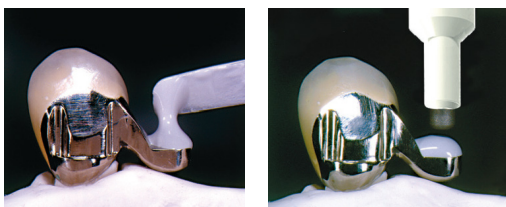
3. **Apply** Site B using a spatula.
4. **Hold** position until fully cured.

In lab Setting Time:

Working time: ~3 min
Set begins: ~4:30 min
Fully set: ~8 min

In Mouth Setting Time:

Working time: ~45 sec
Set begins: ~1 min
Fully set: ~1:30 min



Store at 4–10 °C (refrigerator). Before use, keep at room temperature for at least 2 hours. Do not expose above 50 °C or below 5 °C. Observe expiration date

HADER BOND

Anaerobic Adhesive for Thread Locking

Secure prosthetic components and prevent unthreading over time. **Hader Bond** is a non-toxic, anaerobic adhesive developed to **prevent the loosening of prosthetic components** caused by masticatory forces and vibrations. It works by filling the microscopic gaps between threads, forming a flexible seal that keeps parts securely in place, yet **always removable when needed**. It does not harden but dries into a stable, elastic film.

REF- 1041021-1

Key Advantages

- **Easy to Use.** Apply directly to the internal thread
- **Non-toxic** formulation. **Compact and Long-Lasting.**

Instructions for Use

1. **Clean and dry** all surfaces.
 2. **Apply Hader Bond** evenly around the internal thread of the male part, leaving the first thread free.
 3. **Screw** components together firmly.
 4. **Remove excess** material with a clean tool or cloth.
- Note:** curing time 3 hours at mouth temperature.

To Remove: Unscrew the male part using the appropriate tool.

Store at room temperature. Keep the container tightly closed to prevent drying.



LATEX-SEP

Latex-Based Separator and Spacer for Laboratory Use

Latex-Sep is a latex-based separator, spacer, and release agent designed for a variety of dental laboratory procedures. It creates a clean, peelable barrier to **protect surfaces during modelling, cementation, and sandblasting processes**.

REF- 1041014-1

Key Advantages

- **Versatility.** For attachments, provisionals, vacuum-formed trays, and impressions.
- **Shields surfaces** from sandblasting and acidic agents during processing.
- Dries from pink to translucent for easy **visual confirmation**.
- **Peels off easily** without leaving residue or damaging surfaces.

Instructions for Use

1. **Apply** with a brush.
2. Allow to **dry** naturally or speed up drying with compressed air.

Once dry, the pink colour will turn translucent.

If the liquid thickens over time, add a few drops of distilled water.

For laboratory use only.

Store in a cool place, away from direct heat.

Keep the container sealed to avoid dehydration.

Contains natural rubber latex, which may cause allergic reactions.



For additional thickness, apply multiple layers.



Visit our website at www.hader.eu or simply scan the **QR code** to download our comprehensive product catalogue. Inside, you'll find a wide array of attachment systems, instruments, and innovative solutions designed for dentists and dental laboratories. Explore our offerings and discover how we can support your practice with high-quality, reliable products.

General Recommendations

The components in this catalogue are intended for use exclusively by dentists, dental technicians, and dental nurses. It is the responsibility of the dental professional to provide proper instructions to patients regarding the correct use and care of prosthetic devices.

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