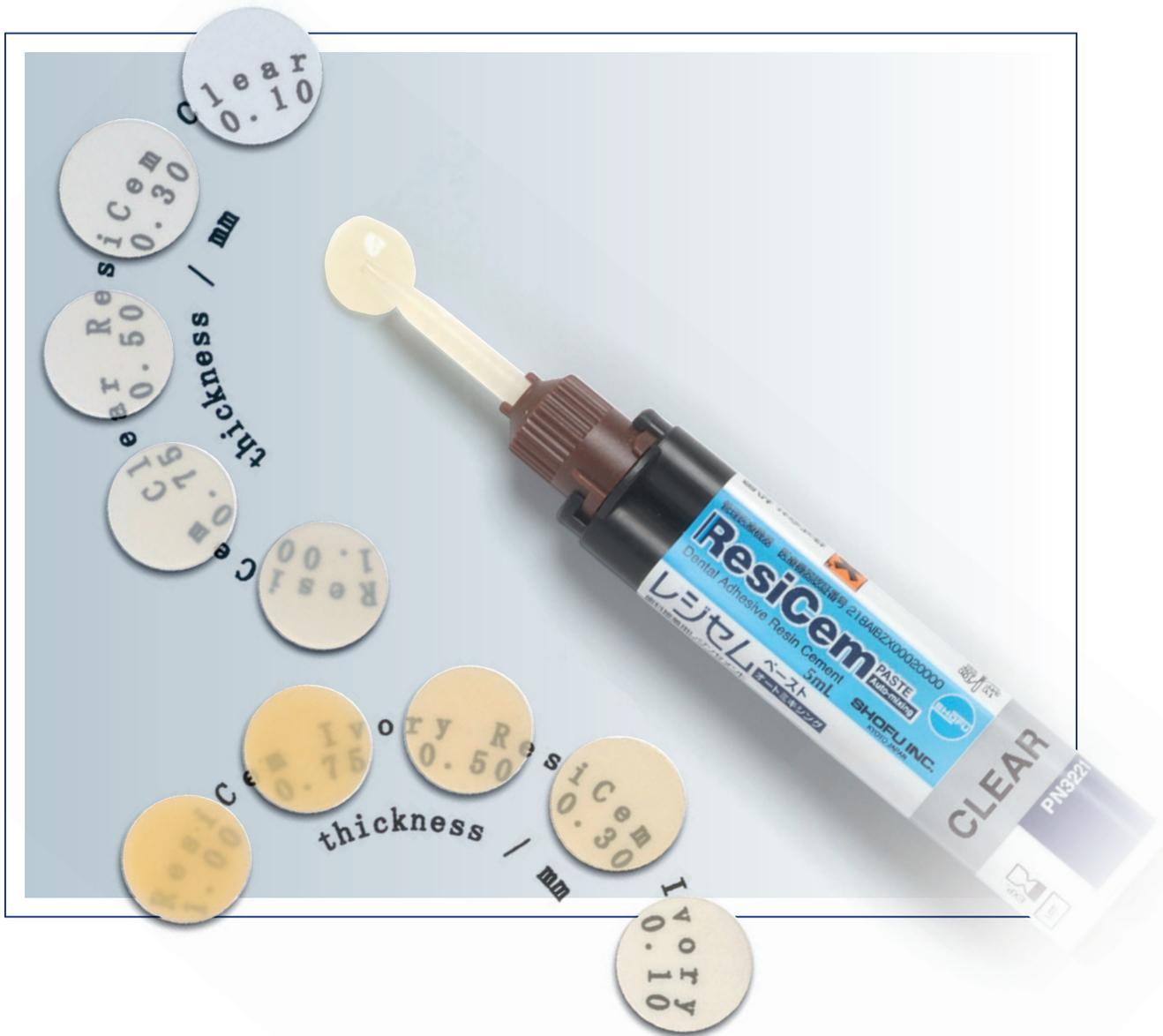


# ResiCem

The universal adhesive cementation system



# Excellent adhesion and aesthetics

The use of all-ceramic restorations is steadily growing. They have been clinically successful for many years, so the demand for these aesthetic restorations will continue to increase in the future.

Modern monolithic restorative materials, such as zirconia, alumina and hybrid ceramics, require well-adapted procedures and appropriate instruments and tools. Adhesive cementation, in particular, allows you to create highly aesthetic restorations and achieve long-term treatment success.

ResiCem is an adhesive cementation system with outstanding physical properties for all types of framework and restoration materials. The strength of the system is the fact that it combines the best specific solutions for each case to form a coherent, universally usable concept.

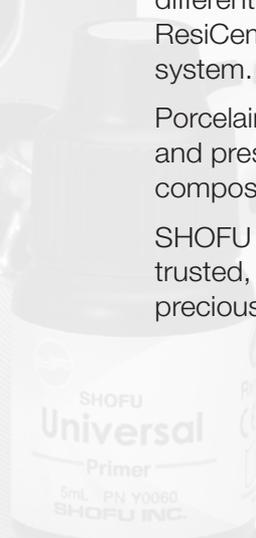


## Universal system for all materials!

Additional components, matched to different classes of materials, make ResiCem a universal cementation system.

Porcelain Primer is suitable for sintered and pressed ceramics and indirect composites.

SHOFU Universal Primer, tried and trusted, creates reliable bonds to all precious and non-precious alloys.



## Specific additions for zirconia and alumina ...

AZ-Primer has been designed exclusively for use with zirconia and alumina and guarantees outstanding bond strengths between restoration and tooth structure. Its 6-MHPA monomer, specially tailored to high-strength structural ceramics, durably anchors to the restoration and is thus vastly superior to other bonding systems, particularly “all-in-one” products.



6-MHPA monomer in AZ-Primer

## ... and hybrid ceramic CAD/CAM restorations

HC Primer is the perfect pretreatment for reliable adhesive bonding to restorations made of SHOFU Block HC Hard, Block HC and Disk HC, and all other hybrid ceramics.

The combination of HC Primer with ResiCem dual-cure resin cement provides a dependable CAD/CAM cementation system with perfectly matched components, ensuring very high bond strengths, long-term bond stability and optimal curing.



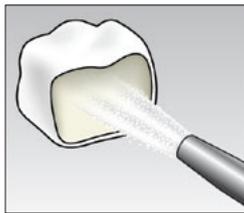
## Gentle and protective

ResiCem eliminates the laborious and highly demineralising step of enamel and dentine etching. The mixture of self-etch Primers A and B gently penetrates the microstructures of enamel and dentine. Besides, the ResiCem paste contains PRG fillers that release and recharge fluoride.

## Efficient handling

ResiCem is applied in only a few steps. The pretreatment of the restoration depends on the type of material to be cemented.

### Cementing restorations, for example zirconia or alumina



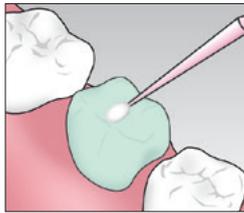
1. Sandblast restoration with 50-100 µm alumina particles at approx. 0.2-0.3 MPa. Rinse with water and dry.



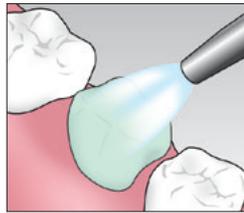
2. Apply AZ-Primer and leave undisturbed for 10 sec.



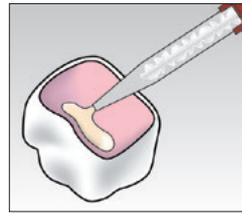
3. Mix equal amounts of Primers A and B.



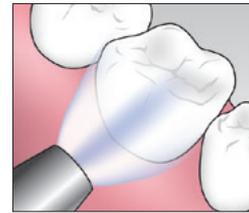
4. Apply mixture and leave undisturbed for 20 sec.



5. Gently air-dry. Do not rinse with water.



6. Apply paste and seat restoration under pressure. (Do not apply paste to tooth structure; working time available after seating: 30 sec)



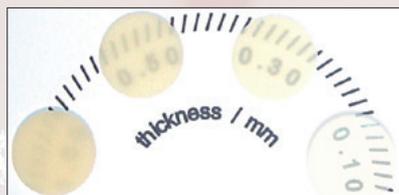
7. Remove excess cement and light-cure for 20 sec, including the margins.

## Aesthetic colours

ResiCem "Clear" paste is translucent and allows you to create highly aesthetic and natural-looking restorations without influencing their shades, regardless of film thickness.



ResiCem



Panavia F 2.0

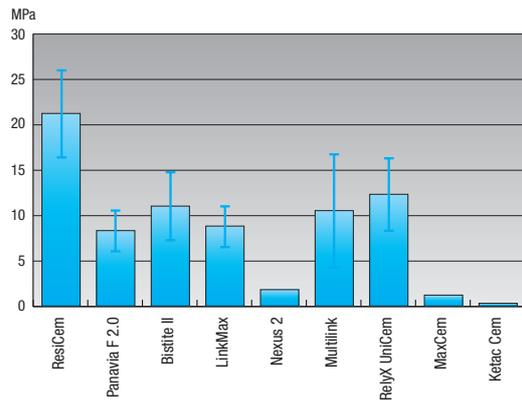


Bistite II

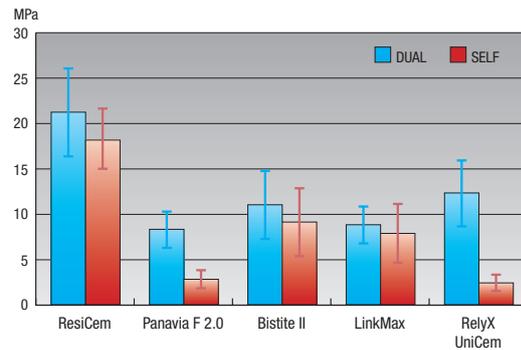
The dentine-coloured "Ivory" paste is also available for adjustment to the respective patient situations.

## Long-term durability

ResiCem consistently achieves high bond strengths, irrespective of the curing mode used.



Shear bond strengths of cementation systems to dentine and zirconia \*



Light-curing versus self-curing \*

## Great ease of use

The special consistency makes the paste easy to apply. Thanks to its non-slump handling, excess material can be readily removed, without smearing or sticking.

Even a film thickness of only 9 µm guarantees very high marginal quality and excellent bond strength. The restoration is easy to seat in the defined end position without raising the bite by the cement layer.

The syringe tip is very small, facilitating direct application and minimising any excess. The innovative dual-barrel syringe mixes the cement paste automatically and always precisely.



Immediately after seating



2 minutes after seating

# Order information



## ResiCem Basic Kit

- ResiCem paste „Clear“, auto-mixing, 2x 5 ml
- Primer A 3 ml, Primer B 2.5 ml
- Microtip fine (1 handle, 50 tips)
- Mixing tips, 20 pcs.
- Dispo dish

PN 3220

## Refills



ResiCem paste, auto-mixing,  
5 ml, 10 mixing tips

- Clear: PN 3221
- Ivory: PN 3222

(Tooth) Primer A, 3 ml  
PN 3227

(Tooth) Primer B, 2.5 ml  
PN 3228

## Restoration primers



AZ-Primer, 5 ml  
PN 3232

HC Primer, 5 ml  
PN Y0005

Porcelain Primer, 5 ml  
PN 3234

SHOFU Universal Primer, 5 ml  
PN Y0060



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