

**TOTAL C-RAM**

AUTOMIX / DUAL CURE

**TOTALCEM**

AUTOMIX / DUAL CURE

**DENTOCEM**

RESIN CEMENT

**EACH PERMANENT CEMENTATION  
HAS ITS (P)REFERENCE**

 **ITENA**<sup>®</sup>  
CLINICAL PRODUCTS

# TOTALCEM

AUTOMIX / DUAL CURE

## SPECIAL FORMULATION FOR METAL

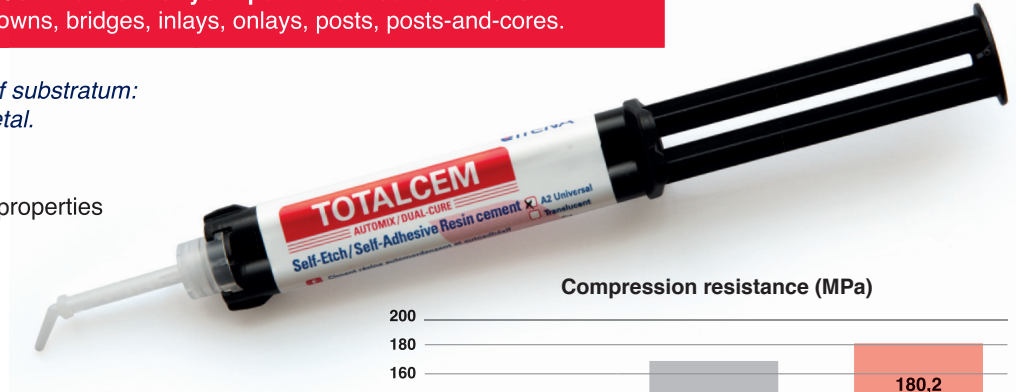
Recommended for your permanent cementations  
Crowns, bridges, inlays, onlays, posts, posts-and-cores.

TOTAL CEM is a composite adhesive useful on all types of substratum:  
enamel, dentine, ceramic, composite and, in particular, metal.

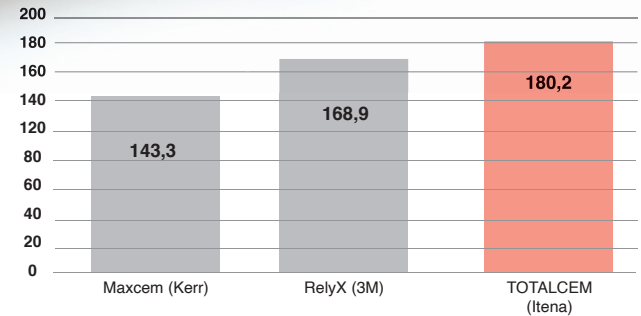
### Advantages

- Time saved thanks to its self-etching and self-adhesive properties
- Self/photo-curing / Dual-curing
- Can be used on vital teeth
- Not soluble in mouth fluids
- Radiopaque 250% of Al
- Complete absence of post-operative sensitivity

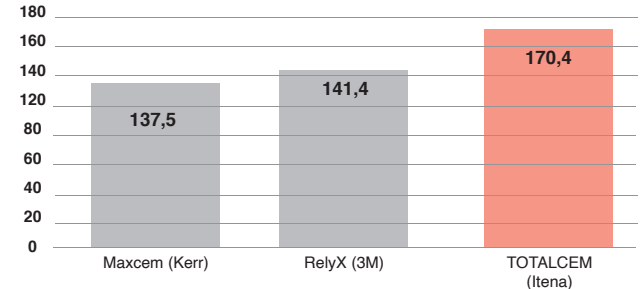
2 shades: A2 and translucent



Compression resistance (MPa)



Flexural strength (MPa)



### Cementation on metal

MECHANICAL  
LOW  
RETENTION

#### PPREPARING THE PROSTHETIC ELEMENT

Tribochemical sanding + primer + adhesive

Sanding product +  
IPERBOND MAX + DENTOCEM

#### PREPARATION OF TOOTH

Etching + Primer + Adhesive  
QUICKBOND OR  
IPERBOND MAX

MECHANICAL  
MEDIUM  
RETENTION

#### PREPARING THE PROSTHETIC ELEMENT

Primer + Adhesive

IPERBOND MAX + DENTOCEM  
OR TOTALCEM

#### PREPARATION OF TOOTH

Etching + Primer + Adhesive  
QUICKBOND OR  
IPERBOND MAX

MECHANICAL  
HIGH  
RETENTION

#### PREPARING THE PROSTHETIC ELEMENT

Adhesive

TOTALCEM

#### PREPARATION OF TOOTH

No adhesive preparation

# TOTAL C-RAM

AUTOMIX / DUAL CURE

## FOR CERAMICS, PORCELAIN AND ZIRCON

Recommended for cementation of veneers  
Crowns, bridges, inlays, onlays, posts.

TOTALC-RAM is designed to optimise your permanent cementations on all types of ceramics, including zirconia.

### Advantages

- **All-in-one: Etching + Adhesive + Cement + Silane**
- Silane provides an excellent bonding strength on ceramics
- **Time saving** thanks to its self-etching and self-adhesive properties
- **Self/photo-curing = Dual-curing**
- Extremely fine film thickness (10 µm): **recommended for cementation of veneers**
- 3 shades: Translucent, dentine opaque, white



### PROTOCOL

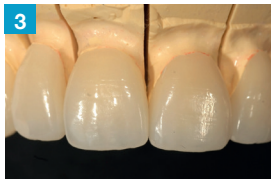
Case by Dr Pascal Zyman



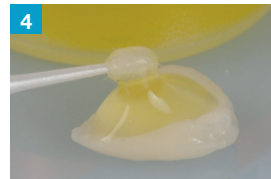
Initial view



Realisation of wax-up



Realisation of veneers of lithium disilicate



Application of hydrofluoric acid (Ceramic-Etch) for 20 seconds then rinsing



Application of silane (Silan-It)






Application of Total C-Ram dentine opaque shade to cervical and median zones and translucent shade to incisal edge



Final view

### 3 shades available to respond to all clinical cases:

- 
**Dentine opaque**  
 Shade similar to the colour of dentine, made opaque to provide optimal cover.
- 
**Translucent**  
 Very high translucency for adhesion without tinting effect on the restoration.
- 
**White**  
 Excellent opaque properties. Particularly suitable for veneers. Also indicated for covering grey colouring of metallic restoration.

# DENTOCEM

RESIN CEMENT

## FOR CASES OF LOW MECHANICAL RETENTION

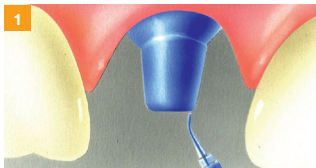
Recommended for permanent cementation. Crowns, bridges, inlays, onlays, posts, Maryland bridges, veneers, ceramic-metallic repair works.

*This cement, which has no adhesive properties, can be used on any substratum (metal, ceramic, zircon) if the surfaces are prepared beforehand.*

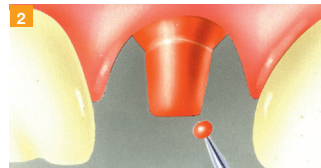
### Advantages

- No expansion of setting
- Polymerisation guaranteed even in areas where light does not penetrate
- Aesthetic appearance preserved due to the thinness of film
- Excess material easily cleaned

### PROTOCOL



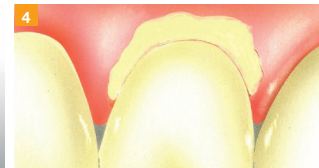
1 Etch the tooth for 10 seconds, rinse for 15 seconds and dry moderately



2 Apply the adhesive and its activator



3 Apply a fine layer of adhesive to the restoration



4 Position the restoration. Flash the excess for 3-4 seconds and then remove using a probe



5 Photopolymerise the borders for 20 seconds. Setting time in the mouth is between 2 minutes 30 seconds and 4 minutes 30 seconds

