

# 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



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

Class IIa medical devices marked CE 0425. Reserved for dental professionals. Please read instructions for use carefully before use.  
ITENA CLINICAL – 31 avenue Georges Clemenceau 93420 Villepinte - France - Tel: + 33 1 45 91 61 40 – IND OR 04/2021



[www.itena-clinical.com](http://www.itena-clinical.com)

**TOTAL C-RAM**  
AUTOMIX / DUAL CURE

**TOTALCEM**  
AUTOMIX / DUAL CURE

**DENTOCEM**  
RESIN CEMENT

## EACH PERMANENT CEMENTATION HAS ITS (P)REFERENCE

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CLINICAL PRODUCTS

# TOTALCEM

AUTOMIX / DUAL CURE

## SPECIAL FORMULATION FOR METAL

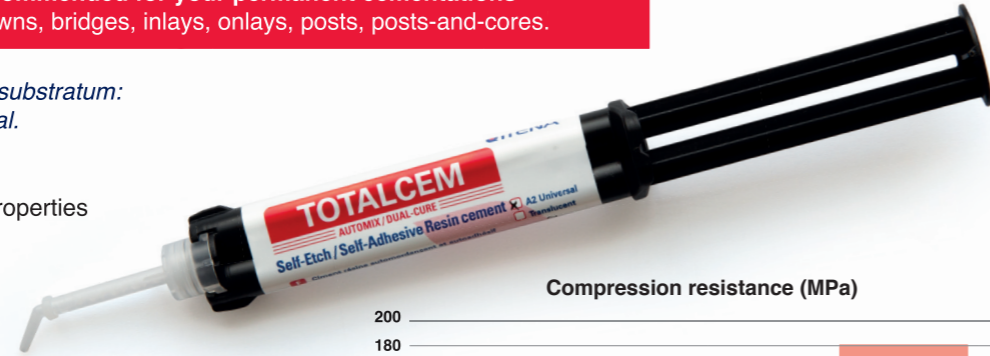
Recommended for your permanent cementations  
Crowns, bridges, inlays, onlays, posts, posts-and-cores.

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

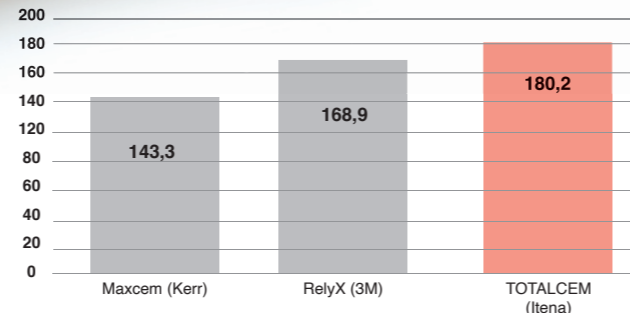
### Advantages

- 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

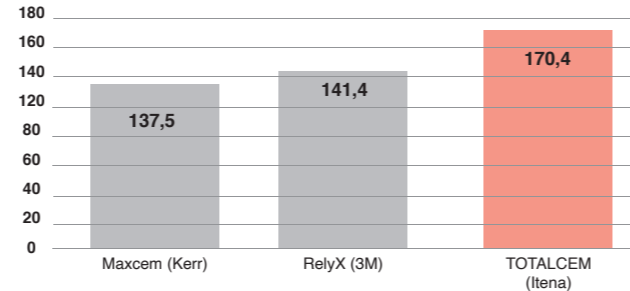
2 shades: A2 and translucent



Compression resistance (MPa)



Flexural strength (MPa)



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

### Cementation on metal

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



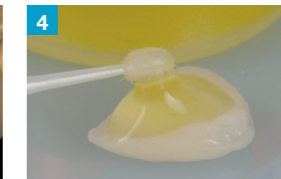
Initial view



Realisation of wax-up



Realisation of veneers of lithium disilicate



Application of hydrofluoric acid (Ceram-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

Case by Dr Pascal Zyman

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 covering grey colouring of metallic restoration.