

TEMPSMART™ DC

Dual-cure composite for temporary crowns and bridges

A smooth ride to
your final restoration



TEMPSMART DC from GC

Discover the ultimate innovation:
strong, fast ... brilliant!

Temporary restorations play an important role in restorative dentistry. They not only protect the prepared teeth, but provide **comfort and aesthetics** while your patient awaits the final restoration. GC's introduction of a new technology with TEMPSMART DC makes temporary materials smarter. TEMPSMART DC is **the first plasticiser-free, dual-cure temporary material, designed to make a dentist's work easier and more enjoyable.**

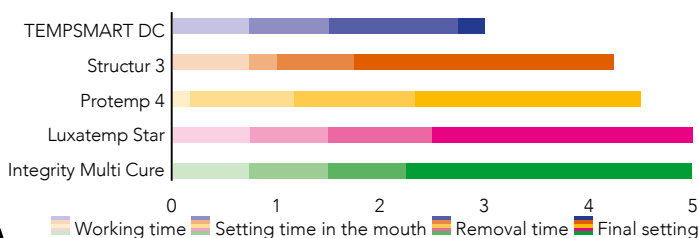
Take the SMART ride

TEMPSMART DC can be **light-cured**, which offers great advantages: you can control the moment of setting and the final polymerisation is optimised. This allows an **easier and more efficient** procedure which can **save you a great deal of time**. Light-curing also improves the temporary restoration's physical properties, particularly flexural strength.



Light-cure extra-orally

TEMPSMART DC procedure times in comparison to competitors (min)

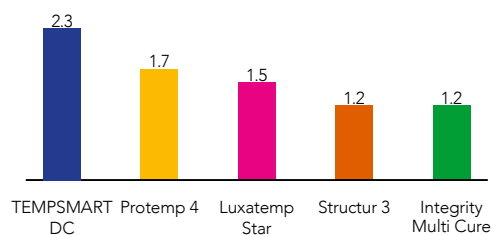


Source: GC R&D, Japan, 2018. Data on file.

Take the SAFE ride

Long polymer chains form a **high-density polymer network**, resulting in an exceptionally **high fracture toughness**. This makes it ideally suited for long-term temporisation and long span bridges.

Fracture toughness in comparison to competitors ($\text{MPa}\cdot\text{m}^{1/2}$)



Source: GC R&D, Japan, 2018. Data on file.

Take the SMOOTH ride

TEMPSMART DC is delivered in **1:1 delivery systems**, and does not use plasticiser in its composition. This ensures an excellent polymerisation for hard, **smooth, non-sticky surfaces** with virtually no inhibition layer. Therefore, the gingiva can heal better and plaque can be removed easily.



Comparison of classical 10:1 cartridge with plasticiser (left) versus results obtained with 1:1 cartridge of TEMPSMART DC without plasticiser (right).

The high fracture toughness makes it an ideal material for a posterior bridge

1. Initial situation.
2. Injection of TEMPSMART DC into the impression.
3. Removal of the impression 2'00"-2'30" after the start of mixing. Light-curing for 5 s per surface after removal of excess.
4. After polishing: cementation of the bridge using Freegenol or Fuji TEMP LT.



Courtesy of Dr. C. Lamppson, Germany

Take pride in a HAPPY patient!

Thanks to a non-sticky surface, beautiful results can be achieved in a few polishing steps

1. Initial situation.
2. After injecting TEMPSMART DC and placing it in the mouth, the restoration is removed within 2'30" and light-cured.
3. Final polishing of the restoration in a few steps.
4. Final temporary restorations with high gloss.



Courtesy of Dr. J. Tapia Guadix, Spain

Take the PRETTY ride

TEMPSMART DC is available in **6 shades**, all with a **natural fluorescence**. Thanks to smart filler technology, it is **easily polished** to a remarkably **high gloss**.



Choose between high gloss with manual polishing or characterisation using OPTIGLAZE color nano-filled reinforced coating (GC).



TEMPSMART DC from GC

A smooth ride to your final restoration

Take the SMART ride

Short procedure time thanks to convenient light-curing option



Take the SAFE ride

High fracture toughness for temporaries that last

Take the SMOOTH ride

Non-sticky restorations for high gloss in a few steps

Take the PRETTY ride

Fluorescence and long-lasting gloss for smiling patients



TEMPSMART DC, 48 ml cartridge, 16 mixing tips

Ref.	10001473	10001474	10001475	10001476	10001477	10001478
Shade	A1	A2	A3	A3,5	B1	BW

TEMPSMART DC, 10 ml cartridge, 10 mixing tips

Ref.	10001479	10001480	10001481	10001482
Shade	A1	A2	A3	B1

Related products



Rebasing

Unifast III



Repair

G-aenial Universal Injectable



Characterisation

OPTIGLAZE color



Temporary Cementation

FREEGENOL Fuji TEMP LT



Crown Removal

PLIERS

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