

# COSMESEAL®



Finished case

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## QUICK TIP

An oral exam with a sharp explorer and/or a Diagnodent will reveal whether the tooth being examined is clinically free of caries. If so, it is not necessary to remove tooth structure prior to application of sealant. Cosmedent's new light cured pit and fissure sealants are excellent choices for caries prevention. Cosmedent's sealants are available in two consistencies, **COSMESEAL-FILLED** (the first microfill sealant) and **COSMESEAL-CLEAR** (an unfilled sealant).

Composed of smaller microfill particles, **COSMESEAL-FILLED** outperforms all hybrid sealants because it marginates smoothly, is highly polishable, more wear resistant, eliminates unwanted plaque and stain accumulation and creates a remarkable blend to tooth structure. **COSMESEAL-CLEAR** was developed for the dentist who prefers unfilled sealants. It also marginates perfectly and gives remarkable blend to tooth structure, thus producing an invisible result. This low-viscosity sealant flows easily into the smallest pits and fissures and is easily differentiated from tooth structure by feel. **COSMESEAL-CLEAR** enhances exact placement control and minimizes occlusal adjustments.

## PLACEMENT PROTOCOL

*In order to insure the longevity of the sealant placement, the clinician should follow a strict placement protocol.*

1. All grooves and pits should be cleaned with a sharp explorer followed by prophylaxis with a small bristle brush.
2. The isolated tooth should be etched, rinsed, and air-dried prior to placement.
3. A bonding agent can be applied if so desired, allowing for better flow and adhesion of the sealant. Research shows that after etching, a bonding agent will increase the retention of the sealant over time.<sup>1</sup> Apply bonding agent, air thin and polymerize. (**COSMESEAL** can also be applied without the bonding agent if the clinician so desires.
4. Apply sealant using the gray or blue tip for the filled material, and the blue tip for the clear.
5. Flow gently into the grooves and polymerize.
6. Check occlusion — remove excess areas of premature contact and polish.

If you follow this protocol, especially with **COSMESEAL** (Filled and Clear), you will obtain excellent esthetics and long-lasting durability. A few unique advantages of working with **COSMESEAL** include: exceptional handling properties, unsurpassed margination, ease of polishability and cosmetically sealed teeth that repel stain at margins.

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<sup>1</sup> Choi J-W, Drummond JL, Dooley R, Punwabi I, Soh JM. The efficacy of primer on sealant shear bond strength. *Pediatr Dent*. 1997 May-June; 19(4):286-288.

# COSMESEAL®



**Step 1** Cleaning grooves



**Step 2** Tooth cleaned



**Step 3** Etching



**Step 4** After Etching



**Step 5** Application of bonding agent



**Step 6** Sealant applied



**Final** Sealed tooth



**Finished Case**  
Happy Patient.  
No Decay