

Mixing ODONTOCEM



ODONTOCEM cannot be mixed in a runny fashion. It is best applied moderately thick. Because it contains calcium silicates like MTA, ODONTOCEM needs practice to master. MTA products mix similarly to tiling cement, concrete or plaster. The recommended approach is different to that which people are accustomed and for this reason it may seem foreign. Too thin a mix will result in a weak set. Too thick a mix will result in a rapid, hard set which, however, will be difficult to place. A moderate consistency should be the aim whereby a light dough is achieved.

Dispense one drop of ODONTOCEM Liquid to a sufficient amount of ODONTOCEM Powder (approximately 1:3) on a mixing pad. Add small portions of ODONTOCEM powder incrementally to the liquid until a dough-like mix is produced. Mix quickly for 5-10 seconds until the powder is completely incorporated and a suitable viscosity and consistency is achieved.

During mixing it is normal for a transient ammonia-type smell to be noted. This can be used as an indicator for the time of mixing required. Once the ammonia smell begins to reduce, this indicates that ODONTOCEM is entering its setting stage and should be applied shortly thereafter.

ODONTOCEM cannot be applied in thin cross sections. The best way to apply ODONTOCEM is with a flat plastic/ball burnisher. Do not insert ODONTOCEM into pulp exposure, it is important to apply passively over the exposure or into the deciduous pulpal cavity. The dough can be patted into the desired position. Allow 3-5 minutes for initial set and seal with a glass ionomer filling to ensure leakage is reduced. (Complete setting time is approximately 24 hours).

ODONTOCEM is resorbable - over time it will be resorbed so there is no need to re-enter the cavity unless due to catastrophic failure. ODONTOCEM contains an anti-inflammatory (Triamcinolone Acetonide) to reduce pain and an alkalisng agent, which generates a high pH, thus killing bacteria. The pH then drops off quickly to normal levels.