

Tooth Coloured Composite Resin Fillings

Composite resin restorations have an organic and natural, tooth-like appearance which is aesthetically pleasing. Restorations are primarily used on anterior teeth, although many patients now prefer to have composite resin fillings placed on posterior teeth.

Composite resins are made up of a mixture of acrylic and plastic materials such as a polymer matrix, silicon dioxide, quartz, glass ceramics and lithium aluminum silicate. Polymerisation is a process by which the resin materials change from a plastics into a hardened restoration. These polymers are capable of bonding to the tooth structure reducing the potentiality of leakages.

The length of time needed to perform a composite resin restoration will uniquely depend on the sizes of the restorations. Some tooth restorations might only involve one surface may only take as little as 10 to 15 minutes. Treatments involving multiple surfaces of the tooth may require more time. A composite resin restoration will restore the original function of the tooth with an aesthetically appealing result.