

CTO3 is compounded Latex in which the molecules of the rubber Particles & Methyl methacrylate are chemically cross linked i.e., Vulcanized or in other words, the latex is pre-vulcanized. But the latex still retains its **original fluidity and colloidal Property**.

Cold process is the method followed for making CTO3 resulting molecules are formed **in long range order, it leads to better Tensile and Ageing properties** of end product.

CTO3 has a three-month shelf life. Post cured system (Self compounding) generally has a 2 day to one week shelf life and beyond which over cure will lead to poor physical properties of the dried film and cracking of the finished products.

CTO3 is ready to use latex. Only have to dilute the latex for required TSC using ammoniated or Demineralized water with alkaline pH (10+) and start dipping, Following are main benefits.

- High Tensile strength & Good stiffer material

- Better yields

- **Minimal batch to batch variation**

- Lower maintenance costs

- **No compounding area/Machinery**

- Shorter process time

- **Reduction in stock holding costs**

- Lower environmental treatment costs

- Reduced line operation down time

Post cured system (Self compounding) generally has to be dipper stained once in a fortnight or every month. But **CTO3 has no need of dipper stain up to 3 months**.