

## TRS 3000 TL COLD VULCANIZING CEMENT – TANK LINING

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### Range of Application:

TRS 3000 TL is a two-component adhesive applicable for large area. It bonds rubber to rubber, metal or concrete in the fields of wear and corrosion protection as tank lining, lagging of large pulleys, etc

The metal surface must be primed by using of our TRS Metal Primer.

### Product specification:

Polymer Basis	Polychloroprene (CR)
Solvent System	Ethyl Acetate / Cyclohexane
Solid content	29 ± 1 %
Viscosity Brookfield RVT (Sp4, 20 rpm 20 °C), (UNE EN 12092)	3.200 ± 200 mPa.s
Thermal Stability (UNE EN 12964)	Max. 70°C

### Mixing of TRS 3000 TL and TRS Hardener 1000 E

Mix cement and hardener with the help of a wood spatula always well. For a 750 ml can it may be fine between 1 and 2 minutes. Be sure to blend also the solid content that is on the bottom of the tins and drums

### Coats

- Metal: We recommended to apply before one coat of TRS Metal Primer. If not, you must apply two coats of TRS 3000 TL
- Bonding Layer: One coat is enough. It is important to buff also the bonding layer
- Buffer Rubber: Two coats

### Pot life of the blend

The pot life of the mixed cement is depending on the temperature outside or inside the workshop and the humidity

In standard room condition (20°, 50% h.r) it is around 4 hours

### Open time <sup>(1)</sup>

- Metal:
  - 1<sup>st</sup> coat (without Primer Metal): > 2 hours
  - 1<sup>st</sup> coat (Metal Primer) > 1 hour
  - 2<sup>nd</sup> coat: > 30 minutes

## **Open time <sup>(1)</sup>**

- Rubber
  - 1<sup>st</sup> coat > 30 minutes
  - 2<sup>nd</sup> coat < 90 minutes

<sup>(1)</sup> Open time depends on substrates, climate and environmental conditions. The periods indicated periods should be considered as a general guideline

## **Surface preparation**

All surfaces must be clean, degreased, dry and, if possible, polished before gluing.

Degreasing is carried out to remove any loosely held dirt on another possible contaminants. We recommended use for degreased volatile solvents as TRS Solvent Cleaner MEK

Mechanical abrasion of smooth surfaces is important because they serve to assure the complete cleaning of them and to increment a lot the surface of bonding

## **Use of Hardeners**

You can use both Hardeners 1000 M and 1000 E. The dosage should be 4 – 5 % Hardener

## **Storage**

The ideal storage temperature is between + 15 °C and + 25 °C. Temperatures higher than + 25 °C must be avoided, and temperatures below + 15 °C should be avoided if possible

The storage temperatures for TRS 3000 TL should never fall below 0 °C. Products that have been stored or transported at low temperatures may harden or have a reduced adhesive force. This type of product must have been brought up to a temperature of + 20 °C for a long time before commissioning or further processing. In order to prevent condensation on the products themselves, the products should be brought up to temperature whilst still inside the packaging

## **Shell life**

2 years when storing in unopened original container under storing conditions in accordance with DIN 7716

## **Packaging**

TRS 3000 TL is available in boxes for 10 units of 750 ml