

## PRODUCT INFORMATION

### **CEMENT TC 6000 (CSM)**

#### **Fields of Application**

**CEMENT TC 6000** is an adhesive on a polymer basis consisting of chlorosulfonated polyethylene (CSM). **CEMENT TC 6000** is utilized exclusively for the bonding of our unvulcanised material **CHEMOLINE 8** to steel substrates.

The following primers are required for this adhesive system: **PRIMER HG 1** and **PRIMER HG 2**.

The optimal adhesion to the steel substrate is not achieved until the components have been vulcanised in autoclaves (medium: hot air or alternatively steam).

#### **Product Description**

Polymer basis:	chlorosulfonated polyethylene [CSM]
Solvent:	ethyl acetate / toluene / xylene
Colour:	brown
Specific Weight:	0.91 g/cm <sup>3</sup>
Indication of Danger:	highly flammable, harmful

#### **Product Advantages**

- Long pot life
- High tack
- Excellent workability
- High bonding strength
- Excellent thermal stability (max. 90 °C)
- Excellent chemical resistance to oxidizing media

#### **Preparation**

**CEMENT TC 6000** must be agitated thoroughly prior to application.

### **Drying Time \*)**

1 <sup>st</sup> Coat onto steel	minimum 2 hours maximum 48 hours
2 <sup>nd</sup> Coat onto steel	minimum 20 minutes maximum 30 minutes
1 <sup>st</sup> Coat onto rubber sheet	minimum 20 minutes maximum 30 minutes

\* The contact life naturally always depends on climate and environmental influences such as ambient temperature, air humidity, ventilation etc. Therefore the times indicated are to be understood as guidelines only, the ideal time must be determined locally considering the corresponding climatic conditions.

### **Number of coats using CEMENT TC 6000**

Onto steel	2 coats
Onto rubber sheet	1 coat

### **Coverage per m<sup>2</sup> (for one coat)**

Steel	200 g
Rubber sheet	200 g

### **Climatic limit values during processing**

Processing temperature range:	+10 °C to + 35 °C
Maximum relative humidity:	80 %

### **Shelf Life**

3 months, when stored at 25 °C and 6 months when stored ≤ 5 °C in the sealed original container under the storage conditions as specified in DIN 7716..

### **Available Packing Units**

Product Description	Packing Unit	Product-No.
<b>CEMENT TC 6000</b>	9 kg	525 2200

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