

## **WATERKOL<sup>®</sup> 3 MT**

**Waterkol 3 MT** is a two-component, polychloroprene, water-base adhesive with addition of modifying agents. The adhesive does not contain any organic solvents. Is non-flammable and non-toxic.

**Waterkol 3 MT** is a very attractive alternative (completely safe and environmentally-friendly) for solvent-based adhesives for bonding upholstery materials.

### **Adhesive's profile:**

Appearance:	milky white or blue liquid
Dry residue:	44 ± 2 %
Viscosity according to Brookfield's LDVD 1/100rpm:	below 50 mPa·s
Thermal resistance of the joint after cure:	100°C
Type of bond:	flexible

**Application:** **Waterkol 3 MT** adhesive is designed for furniture industry for bonding foams, wool upholstery, felt, cotton fabrics, synthetic and natural leathers with each other and with timber, wood-based materials, cardboard. The adhesive has a very good initial grip. Adhesive joint has a very good thermal resistance.

**Instructions for use:** **Waterkol 3 MT** adhesive should be applied when temperature of adhesive, surroundings and bonded materials is at least 18°C. Adhesive should be used with a coagulant (MT-1 Activator) in a ratio from 10:1 to 5:2. Apply on both sides of bonded surfaces using a special, external mixing, double nozzle pistol. Diameter of pistol's nozzle for adhesive application should be 1-1,5mm, the diameter of pistol's nozzle for the activator – 0,4-0,5mm. Adhesive's pressure 1-1,5 bar, activator's pressure 0,5-1 bar. Adhesive open time is – with both-sided application from 30 seconds to 25 minutes, and with one-sided application – 30 seconds to 15 minutes. The full bond strength is achieved after 72 hours from bonding. All parts of the pistol having a direct contact with adhesive and activator must be made of stainless steel or plastic. For cleaning dispensing equipment use only clean water.  
Types of hazards and safe use - see data sheet.

**Storage:** The adhesive must be stored and transported in sealed containers at temperatures 10-30°C.

**Containers:** Plastic containers from 1 litre to 120 litres and by arrangement.

**The warranty period:** 4 months from date of manufacture

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September 2014 r. cancels all previous versions.

### **Important Information**

Our company guarantees a constant and high quality products certified each time with separate certificate of quality. All information contained in this data sheet are based on tests and many years of practical experience, but they cannot be the basis for claims. We therefore recommend to carry out respective trials. Our technical department will be happy to give any technical advice.