



Hydro**Safe**Guard

## Product Data Sheet

### **GT 09 ADHESIVE**

#### **1. PRODUCT DESCRIPTION**

GT09 is a thermosetting adhesive based on water composition with a durable bonding of adhered materials. The bonding is flexible so that the adhesive can be used to bind various moulds, fittings, etc.

#### **2. APPLICATION**

The adhesive is suitable particularly to adhere rock wool to other materials, such as fabrics, rock wool, wood, aluminium, steel, etc. It can also be used to create connections, such as wood-wood, metal-metal, wood-fabric, metal-fabric, etc. In view of the setting process, the composition of the thermosetting adhesive is not suitable for materials that are not resistant to temperature above 100°C, e.g. thin film.

#### **3. PROPERTIES**

- The aroma is not irritant.
- The composition is free from harmful solvents, and is based on water.

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- The colour of the composition ranges from light brown to dark brown. It is possible to prepare a black variant.
- Highly resistant to heat and non-flammable, the rock wool-interfacing prepared with the use of an adhesive in flammability tests is classified as A+.
- Good electric and thermal insulation.
- Highly resistant to chemicals.

## 4. CHEMICAL PROPERTIES

Physical form	Liquid
Aroma	Distinctive, not irritant
Density	1,13 – 1,25 g/cm <sup>3</sup>
Flashpoint	Non-flammable
Durability	Up to 3 months after manufacture.

## 5. HOW TO USE

A thin layer of adhesive must be applied onto one of the bonded surfaces, and then the second surface should be pressed against it. Such a composition must be heated to reach a high temperature of over 100°C, 180°C at best; and this temperature must be kept for 5 seconds. In case of lower temperatures (100 – 170 °C), the heating time for the glued material must be sufficiently extended. The entire procedure must be conducted at the temperature of at least 10°C. To apply the adhesive onto the surface, you can use a brush, roller or spraying product.

## 6. PRECAUTIONS

The product may cause skin allergy. In case of contacting skin: Immediately remove the entire contaminated clothing. Wash skin under water or shower. In case of contacting eyes: Carefully rinse with water for several minutes. Remove contact lenses, if any and easy to remove. Keep on rinsing. If irritation persists, consult/visit a doctor.

## 7. STORAGE

Store the adhesive in a tightly closed packaging, at the temperature of 10–25 °C.