



## DATA SHEET

### Fortafix High Temperature Adhesives

#### **AUTOSTIC ADHAESIUM - MACHINE MOUNTING COMPOUND**

- Adhaesium is a unique water based adhesive mounting system, which does not rely on bolting and grouting reducing installation time.
- Can be applied and used without damage to floor slab integrity.
- Designed for use to secure medium and heavy machinery such as lathes, presses and punches.
- Equipment secured with Adhaesium can be easily removed and re-sited without damage to either the floor or machine base.
- A maximum continuous operating temperature of +1000°C.

#### **Typically Used For**

- The setting and stabilisation of medium and heavy manufacturing equipment.

#### **Principal Characteristics**

- Supplied as an inorganic felt which can be cut to the size required.
- Scientifically shown to reduce vibration and noise transmission.
- Can withstand high operating temperatures of >1000°C.

<b>Softening Temperature</b>	950°C	<b>Melting Temperature</b>	1150°C	<b>Average shear strain</b>	1.02 MPa
<b>Average break strain</b>	0.41 MPa	<b>Alkali Resistance</b>	Good	<b>Oxidation Resistance</b>	Excellent
<b>Acid Resistance</b>	Excellent, except Hydrofluoric	<b>Packaging</b>	2 m x 10 cm per pack		

#### **Health and Safety / Environmental Information**

- See separate MSDS sheet. (Autostic Adhaesium - Machine Mounting Compound).
- RoHS Compliant.

## **Guidelines for Use**

### **Application**

- Thoroughly clean and degrease surfaces to be bonded.
- Remove felt from liquid and cut to desired length.
- Apply felt to floor or machine base taking care to form a smooth, level surface to maximise adhesion between flooring and machine base.
- Align machinery and allow the adhesive to set.

### **Curing Schedule**

- As this product is water based, it is necessary to fully dry and dehydrate the adhesive to achieve optimum adhesion.
- The curing of this product may vary depending on temperature, humidity, porosity of substrates, and area etc. A rough guide for typical applications at room temperature and average humidity would be approximately 24 hours.
- Curing may be accelerated by the application of gentle and progressive heat (do not exceed 100°C during curing as this may lead to product failure).

### **Removal of Adhaesium**

- Adhaesium may be removed for flooring/machine bases, (without incurring any damage), at any time using steam/ boiling water or high pH.

### **Storage**

- Product should be stored in original packaging between 5 - 30°C.
- Shelf life – 24 months.