

**Thermax®**

# FIRE PROTECTION ADHESIVE

## Technical specification

Application temperature	°C	1000
Short term stress	°C	1100
Density	kg/m <sup>3</sup>	~ 1600
Viscosity	Pa.s	66-74
Consistency		pasty
Application temperature	°C	> +5
Danger class		none
Storage		frostfree
Delivery form (package)	g	850 – Tubular bag
Other delivery forms on inquiry	kg	15 – Bucket
Colour		beige



For bonding Vermiculite thermal insulation boards and for all areas of architectural fire protection.

The thermal insulation boards can be bonded to each other and to steel, concrete, brickwork, stone, ceramics, wood, etc. THERMAX fire protection adhesive is optimally adjusted for bonding Vermiculite boards.

### The consumption is:

approx. 250g / m<sup>2</sup> (surfaces)  
approx. 50g / lfm. (joints)

### Instructions for application:

Apply the adhesive thinly to the surfaces which are to be bonded and then bolt, clamp or nail the parts together. It is best to apply the adhesive directly out of the tubular bag onto the surfaces which are to be bonded. Remove excess adhesive instead of spreading it over a large area. At room temperature the bonding is firm after a few hours; do not apply the adhesive below +5 °C.

Store cool; at 20 – 25 °C THERMAX fire protection adhesive in tubular bags can be stored for 12 months.

- (1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
- (2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
- (3) Heat transmission calculations for this material can be requested from our Engineering department.

**The information contained in this publication serves only for purposes of clarification, and is not intended to form the basis of contractual obligations.**

Further information and advice on specific details of the products described can be obtained in writing from Techno-Physik Eng. GmbH (Germany). The TechnoPhysik Group is consistently running product development programmes and reserves the right to modify product specifications at any time without notice. The customer/user is thus always obliged to ensure that the material from Techno-Physik Eng. GmbH is suitable for his specific purposes. The specified values are average figures determined from current production and are intended only for information. Warranty claims cannot be derived from these figures. We recommend to test the material for your application.

Sales via any company in the TechnoPhysik Group are subject to the General Terms and Conditions of Sale of the respective company, a copy of which is available on request.