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# Techno-Adhesive

## VL 1100

### Technical Data

|   |                                    |
|---|------------------------------------|
| <b>Application Temperature</b>                                    | 1000°C                             |
| <b>Short Term Stress</b>  | 1100°C                             |
| <b>Bulk Density</b>   | 2500kg/m <sup>3</sup>              |
| <b>Viscosity</b>  | 66-74 Pa.s                         |
| <b>Consistency</b>  | Pasty                              |
| <b>Application Temperature</b>                                    | > +5°C                             |
| <b>Tensile Strength</b>   | 350 N/cm <sup>2</sup>              |
| <b>Danger Class</b>   | None                               |
| <b>Storage</b>  | Frostfree                          |
| <b>Delivery Form (Package)</b><br>Other delivery forms on inquiry | 1kg (Tubular Bag)<br>15kg (Bucket) |
| <b>Color</b>  | Beige                              |

For the bonding of Vermiculite thermal insulation boards, Calcium Silicate, and other porous materials.

The thermal insulation boards can be bonded to each other and to steel, concrete, brick-work, stone, ceramics, wood, etc. THERMAX fire protection adhesive is optimally adjusted for bonding Vermiculite and calcium silicate 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 tube 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 tubes can be stored for 6 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) With tiles especially, 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, the Engineering department of our company will offer assistance and support.

(3) Heat transmission calculations for this material can be requested from our Engineering department.

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