

Laboratory test



Purpose of the test:

- be representative of the proposed applications.
- reproducible in its normal use.
- demonstration of performance.

Description of the test

For the test was use a square sample of fiberglass (200 mm per side - thickness 4,0 mm) coated on one side with Teknofibra. (represented picture on this page) In the three tests presented, the sample was placed in contact (protect side) with three different steel bodies with a temperature of 800° C. and maintained until a stationary condition. For test, were used progressively: A steel ball diameter 100 mm. A steel cylinder 100 mm. and high 100 mm. a steel cube with side of 100 mm. In steady state were measured outside the temperature of the indicated points distant from each 30 mm. These tests are intended to be representative for the following contacts: punctiform – linear – distributed .

Performance of TEKNOFIBRA® Teknofibra have been implemented in conjunction with a special adhesive to a sheet of corrugated and reflective aluminium. A proper use of this product, will exploit over high resistance of our fabric, also the high thermal resistance surface and the dispersion of the adduction energy of the aluminium sheet.

