

## Technical Data Sheet

## Thermic 1100

 — adhesive layer

Thermic 1100 is a water-based adhesive containing several inorganic components. It is used for gluing inorganic isolation mats onto metallic and non-metallic surfaces.

Technical Data		
Color		beige
Minimum Thickness	[µm]	500.0
Drying Time at 20 °C (approximate)	[h]	2-3
Full Hardness at 20 °C after (approximate)	[h]	24
Solid content (approximate)	[%]	50
Heat Resistance (complete cured)	[°C]	1100
Burning Behavior		Non-inflammable

**Main Function:** Gluing of inorganic isolation mats (e.g. glass-fiber-, Basalt- und Silica-mats)

**Application:** Furnaces, pots, isolations etc.

**Processing:** Even laying on metallic surfaces, e.g. by means of putty. The surfaces must be load-carrying, fat and oil-free as well as dust free.  
Full surface pressing of the insulating materials.

**Note:** No corrosion on steel because of the high pH value, on aluminum light corrosion possible

**Storage conditions:** Dry at temperatures between 18 - 35 °C  
Max. storage time: 12 months in unopened original cans

**Delivery Forms:** The material is available in tubes with 30 g filling, 24 piece/cardboards and in cartouches with 500 g filling.

The technical data (mean values) as well as material statements have been developed according to careful tests and are the latest findings according to our long lasting experiences. Due to the individualities of each case, no liability including third party rights, will be accepted from our hints, own application tests are recommended in any case. When desired we are available with further information.