

## GRAPHIT INSULATION



### Combined heat conduction, protection and insulation lining for vacuum furnaces

**GRAFBOARD®** is a newly developed composite material made of the most modern graphite materials, combining the advantages of graphite insulation and armouring in one easy to handle board. By means of a specially developed crystal welding process, both materials are joined. More expensive CFC boards can be replaced economically.



The advantages of **GRAFBOARD®** are:

- Possible energy reduction of 20% by reduced heating and cooling intervals
- High mechanical protection with high insulation properties
- Reduction of lining intervals
- No reduction of insulation properties after damage of robust protective layer
- Considerable reduction of dusting
- Easy assembly, simply cut with standard wood-working tools
- One board = triple effect

Maintenance of the insulation properties even after damage – here 500 cycles after damage by forklift truck.



Available in  
24" x 47" and 40" x 60 "  
as well as 1", 1.5", and 2" thickness

