Technical Data Sheet

AE 2000 N

03/10 Hü (S)
replaces edition 08/07 Hü (W)

… High-tech — heat protection for restoring plane parallelism in presses and tools

Material Composition

The grade AE 2000 N represents a flexible, deformable non-cured resin-soaked mat of fibre glass felt with a thickness of approx. 2,5 mm or rather 5 mm. The precipitation curing is effected according to special mounting recommendations.

Special Material Characteristics

Corrosion and disproportionate pressure distribution in presses may result in unevenness and deficient plane parallelism. AE 2000 N compensates up to approx. 0.4 mm per layer. The benefits are:

- **easy handling**
- **short curing time / short machine downtime**
- **good compensating capacity**
- **competitive solution**
- **high thermal stability and compressive strength after curing**
- **longer life cycle of thermal insulating boards**
- **longer intervals between complete overhauling of the presses**

Range of Applications

The compensation layer is used to remedy uneven surfaces and plane parallelism defects, mainly in heated presses. It is mounted at the rear side of the heating platens, above or beneath the insulation layer, depending on the thickness of the insulation and the temperature of the heating platens.

Mounting

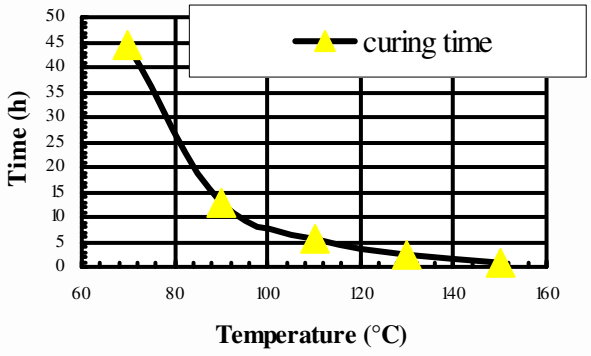
The compensation layer is mounted with a separating foil being part of the delivery. This prevents it from holohedral adhesion of the parts. The use of a mounting paste is recommended. The precipitation curing of the compensation layer normally requires temperatures of between 100 °C and 140 °C. For detailed mounting instructions please refer to the corresponding BRANDENBURGER mounting guidelines.

Technical data*:

Max. service temperature • long-term • short-term	 200 220	 °C °C
Compressive strength (cured, depending on compaction) • at ambient temperature • at 200 °C EN ISO 604	 max..300 max. 150	 N/mm² N/mm²
Density	1.9	g/cm³
Thickness, unprocessed state Thickness after precipitation curing and compensating compression	2,5 mm or approx. 5 approx. 0.8 - 1.2	mm mm
Storage life at ambient temperature, wrapped in sheets, max	approx. 4	weeks

*) Further technical details upon request

Precipitation Curing Time AE 2000 N



Delivery Information:

Standard thickness:	approx. 2,5 / 5	mm
Special dimensions upon request		

Specifications are subject to alteration due to technical development. The standard values given in this data sheet are not part of any contract.

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