

Technical Data Sheet

02/2020
replaces edition 02/19

AE 2020

... High-tech — deformable
compensation inlay

Product Specification

AE 2020 is a deformable compensation inlay. It is mainly used to repair uneven surfaces and parallelism defects in heated hydraulic presses. After the compensation and curing process AE 2020 received his final strength.

Special Material Characteristics

- easy handling (cutting / positioning)
- short curing time > short machine downtime
- good compensating capability
- high thermal stability and compressive strength after curing
- competitive solution to postpone a complete overhauling of heated hydraulic presses

Mounting:

The compensation inlay should be mounted with a separating foil (part of the delivery). This prevents a complete holohedral adhesion of the machine parts. We recommend the use of Brandenburger Mounting Paste.

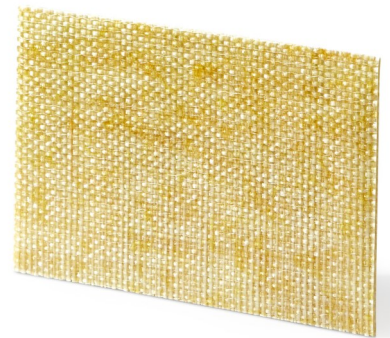
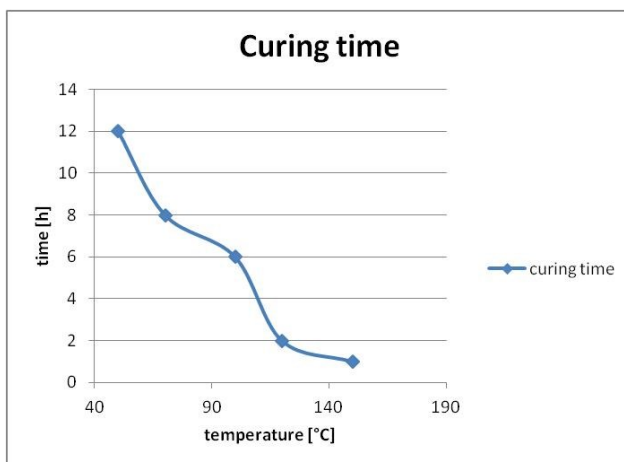
A curing temperature of 80°C to 100°C is recommended. For detailed mounting instructions please have a look at the corresponding Brandenburger mounting guidelines.

Technical data*:

Max. service temperature		
• long-term	200	°C
• short-term	220	°C
Compressive strength** (cured, depending on compaction)		
• at ambient temperature	max. 300	N/mm ²
• at 200 °C	max. 150	N/mm ²
Specific weight	1600	g/m ²
Raw material thickness	~ 2,5	mm
Thickness after curing and compensating compression	~ 0.8 - 1.5	mm
Shelf life at ambient temperature, wrapped in sheets, max	~ 4	weeks

*) Further technical details and machining recommendations upon request

***) Compressive stress at break. The possible specific compressive strength depends on the particular application.



Delivery Information:

Standard thickness (raw material): approx. 2,5 mm
Width: 1200mm
Length: on request

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