

Technical Data Sheet

07/16
Replaces edition 7/11

FP-BRA-Coating

... High performance coating

Product Specification

The high performance coating FP-BRA grants an effective protection of the surfaces of Brandenburger composites.

Special Material Characteristics

- Effective protection against aggressive acting media
- Improvement of the sliding behaviour
- Reduce of adhesion tendency
- Easy cleaning of the surface

Range of Application

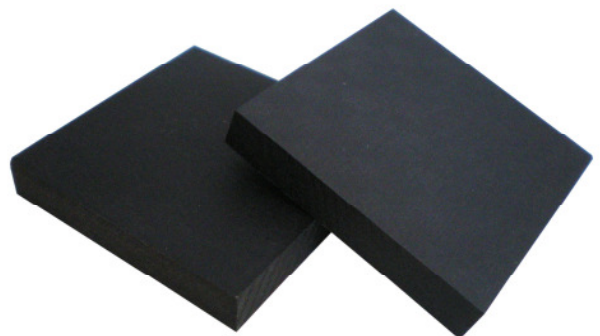
- For applications in the medical and food industry
- By risk of moisten with hydraulic oils or heat carrying oils, mould release agents or lubricants
- Applications with highly varying temperatures and thereby resulting relative movements to the insulation material (heating and cooling process)

Due to the sealing of the surface and the reduced adhesion behaviour this coating is often used in applications of the medical and food industry. The FP-BRA coating offers a longer lifetime of the insulation material especially in processes where the insulation material is exposed to oil, release agents or steam.

Technical Data*:

Max. service temperature <ul style="list-style-type: none"> • long-term • short-term (Attention: Please note service temperature of the insulation material)	280 °C 350 °C
Compressive strength EN ISO 604	Corresponding to carrier material
Impact on expansion behaviour	none
Coating thickness	5 ... 20 µm
Coefficient of friction <ul style="list-style-type: none"> • static • dynamic 	ca. 0,11 ca. 0,06
Surface resistance of <ul style="list-style-type: none"> • FP-BRA 	> 10 ⁹ Ω
Colour	black

*) Further technical details 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.