

Technical Data Sheet

10/2020
Replaces edition 02/20

FP-Coating

... Hightech-Coating

Product Specification

The "FP-Coating" can be applied as a surface coating to Brandenburger composite materials. It effectively seals the surface of our insulation products to prevent the release of particles.

Special Characteristics

- effective protection against aggressive acting media (oils, release agents, steam)
- improvement of sliding behaviour
- reduction of adhesion tendency
- allows easy cleaning of the surface

Range of Application

We recommend to apply the "FP-Coating" on top of our insulation materials which could be affected by aggressive media. Additionally the insulation material gets a smooth surface which improves the sliding behaviour significant.

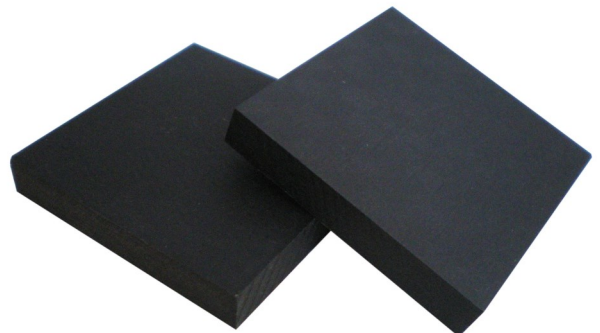
The "FP-Coating" offers additional protection for insulation solutions that are to be used in clean rooms or in the food industry.

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**	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-Coating 	> 10 ⁹ Ω
Colour	black

*) The technical data determined were tested on representative units, based on the respective specific test standard. Further technical data and test standard on request.

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



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