



Maad BF 18

- Colour:** Black (film surface)
- Smell:** To 80°C minor, characteristic for bitumen
- Consistency:** Heavy boards, flexible in 20°C

**Characteristic:**

**MAAD BF 18** is self-adhesive bitumen damping film on the base high-value modified bitumen. Good flexibility in temperature +20C makes that product easy adapts as well to the bump . Bitumen film is self adhesive equipped with strong glue without solvent (self-adhesive) based on acrylic – copolymers. Adhesive side is protected by covering material, and film side by layer of anti- blockade (PE foil) protecting material during transport or storage in a warehouse

**Application:**

**MAAD BF 18** is used to cover large metal surfaces or on thin sheets of metal, in construction, e.g. facade metal sheet, air shafts, in construction of vehicles, machines and devices exposed to high temperatures. Do not expose the product directly to the atmospheric influence.

- Basis:** Modified bitumen
- Density:** 20°C - 1,75 (± 0,05) g/cm<sup>3</sup>
- Thickness:** 1,7 (± 0,2) mm
- Coverage of adhesive side:** Silicone paper
- Coverage of the surface:** Anti blokade foil PE (to remove – depends on application)

### Technical Data

Properties	Result	Test Method
Surface weight	ok. 2,8 kg/m <sup>2</sup>	-
Tensile Strenght	0,61 N/mm <sup>2</sup>	-
Hardness acc Shore A	50 - 80° Shore A	-
Max temp.	100°C (min. 1 h)	PM-B 030A
Constant level of heat	80°C (min. 336 h)	PM-B031X
Resistance to cold	-30°C	PM-B014X/B018X
Resistance to heat	no breaks	DIN 53521
Flammability	class B2 combustion velocity =0 self – extinguishing after 30 sec	DIN 4102 part 1 DIN 75200 (ISO 3795) FMVSS 302
Fogging	0 %	DIN 75201-A
Resistance to liquids	water ok. 0,2	DIN 53521

Weight gain in%:	Engine oil HD (15W - 40) ok. 0,5 Proppelant Diesel partially soluble Proppelant Super partially soluble	
<b>Acoustic data</b>	Loss factor DIN 53440 <sup>3</sup> 0,07 20°C, 200 Hz, steel 1 mm	DIN 53440
<b>Adhesive</b>	Density : 75 gr/m <sup>2</sup> Teks: 18,04 N/mm	-

In the case of material with a self-adhesive layer, storage at a temperature of +15 to +30 °C

### Treatment:

The surface which will be covered must be dry and clean and free of oil and any other chemical substances. After removing the covering material (silicone paper or foil) Plastodem board should be pressed to the clean and dry surface. In order to achieve the best result of gluing.

Plastodem and surface should have a 20 – 25 25°C. Plastodem should be pressed heavy by roller to avoid air bubbles (in space between Plastodem and surface).

### Storage:

Frost danger YES, sensitive to breaks  
Storage temp. 15-25°C  
Storage life 12 months

### Forms:

Embossed parts or cutted, packed into cartons, palettes, boxes or specialist wooden boxes in the sea transport, stacks about the ceiling of 300 boards .

### DIN Loss factor according to DIN 53440 for steel plates

#### Czynnik strat wg DIN 53440 na blachach stalowych

