

# Technical datasheet

## UNDERPADDING

### 100% SBR Rubber

### Mammoet Flex Plus 6 mm



**Estillon**  
leading in underlay

#### Description

: Mammoet Flex Plus is a carpet underlay produced from 100% SBR rubber. The heavy rubber creates a stable and durable base for every carpet. Mammoet Flex Plus delivers a maximum contribution to the experience of luxury and comfort of the carpet. Mammoet Flex Plus is suitable for domestic and contract applications

- Stable base for installation and easy to install
- Smoothing small unevenness in the subfloor
- Extends the lifetime and original appearance of the carpet
- Especially suitable for floor heating

#### Installation method

: Install Black Magic with the light glasfiber non-woven side up for double stick or stretched installation method.

#### Thickness

: 6 mm /  $\pm 0,6$  mm – Maximum tolerance 10%

#### Dimensions

: 9,15 m x 1,37 m =  $\pm 12,50$  m<sup>2</sup>

#### Weight

: 2400 gram/m<sup>2</sup> /  $\pm 240$  gr/m<sup>2</sup> (30 kg per roll) – Maximum tolerance 10%

#### Density

: 400 kg/m<sup>3</sup> /  $\pm 40$  kg – Maximum tolerance 10%

#### Material

: Top layer : Reinforced non-woven  
Center layer : 100% SBR rubber  
Bottom layer : Polyester non-woven

#### Packing

: LDPE-foil (no core) with insert-sheet with installation instructions

#### Technical information

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Testing methods	Min.requirement (acc. EN 14499 (2004))	Results
<b>Dimensional stability</b>		
<b>Traction</b> Breaking strength -length /width	$\geq 40$ N	Length: 55 N / Width: 32 N
<b>Extension</b> Extension under force length / width (Test method: ISO 13934-1)	$\leq 10\%$	Length: 5,5 % / Width: 4,5 %
<b>Comfort aspect</b>		
<b>Short static loading</b> Retention of work of compression after 2 hrs of static loading Loss in thickness after 2 hrs static loading and 60 min recovery (Test method: ISO 3415)	$\geq 80\%$ $\leq 20\%$	98 %, very good 2 %, very good
<b>Prolonged static loading</b> Loss in thickness after 24 hrs static loading and 24 hrs recovery (Test method: ISO 3416)	$\leq 15\%$	3 % very good
<b>Castor chair test</b>		
Mechanical damage when using chaster wheel chairs after 25.000 rotations (Test method: EN 985)	None	Appropriate, only with double stick
<b>Thermal resistance</b>		
Thermal resistance for floorheating (R-value) (Test method: ISO8302)	None	0,11m <sup>2</sup> .K/W or 0,11 togs
<b>Impact sound reduction</b>		
Measured value of impact sound reduction (Delta Lw) (Test method: ISO 140-8:1998 & ISO 717-2: 1997)	None	25 dB $\Delta L_w$
<b>Fire retardancy</b>		
Euroclas Radial Panel in reference with EURO-classification (Test method: EN ISO 9239-1:2002)		Efl

#### Installation instruction:

- Let the carpet as well as the underpadding acclimatise for 24 hrs in its original packing in the room to be installed
- The best temperature for installation is 15-20°C and a humidity of 50-70%
- Make sure that the underfloor is absolutely dry and free of grit and dust
- To cut the underpadding we recommend to use a trapezium blade
- Underpadding can not prevent the natural shrinkage of carpet. For that reason we strongly advise always to use the double stick method (gluing both the underpadding as well as the carpet) in case of shrink-sensible carpet qualities. Always follow the installation instructions of the carpet manufacturer.

In case the installation has not been done in accordance with the installation instructions, Estillon can not be held responsible for any damage or claim as a result of an incorrect installation. In case of doubt always consult your supplier.



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