Flexicel UF

(Under Floor)

Removable fixation of a floor

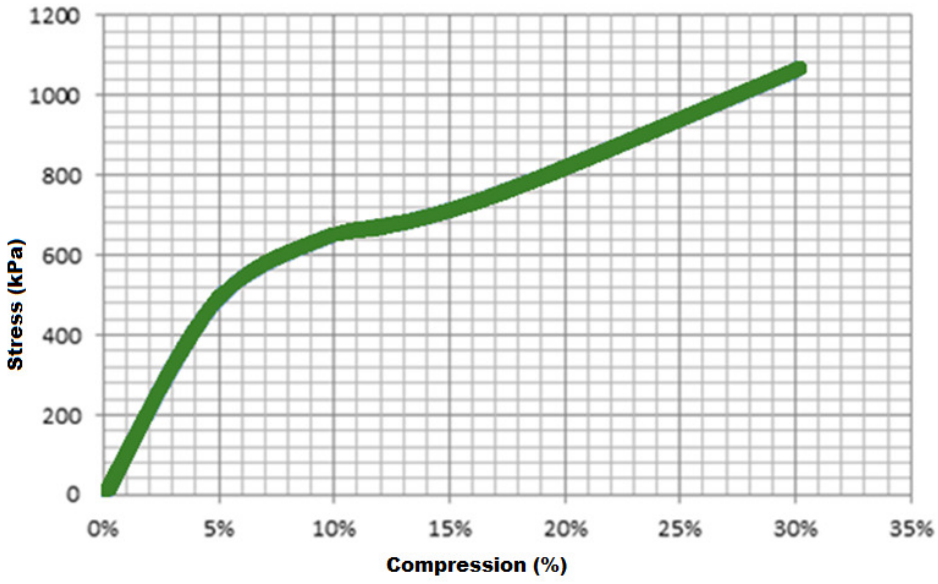
on an existing surface.

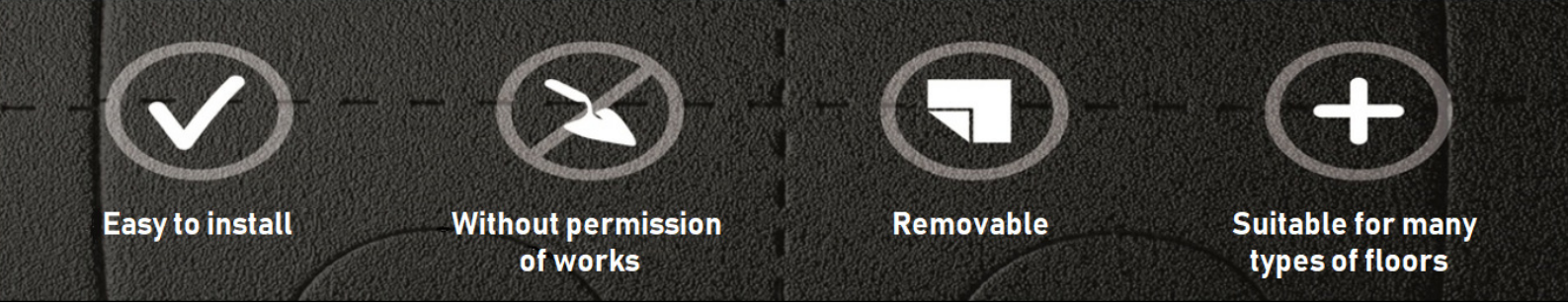
TECHNICAL DATA SHEET

TESTS / PROPERTIES	DATA OR VALUE	METHOD / NORM
Base (Composition)	Polyolefin foam	
Adhesive	Synthetic rubber resin	
Thickness	3,1 mm ± 10%	
Temperature	-30 °C +70 °C	
Compression strength 10 kPa pre-load	(see graphic Appendix 1)	ISO 3386-1

Appendix 1 : Compression strength

COMPRESSION	COMPRESSION STRENGTH
5 %	Min. 500
15 %	Min. 700
At 0.1 mm	Min. 300
At 0.3 mm	Min. 600





TESTS / PROPERTIES	DATA OR VALUE	METHOD / NORM
Determination of Creep (see Appendix 2)	Max. load to ensure max. 10% long-term thickness loss for flexicel UF (HD) is 250 kPa.	EN 1606
Water vapor diffusion	μ = 89453 - SD 268 m Bffs1	ISO 1663
Disk extraction force 500 cycles	1,37 y 2,75 Kg/ disk	MEF 006-A
Dimensional difference	0,50 %	MEF 006-A
Adhesive moisture resistance	≥1000 hours	MEF 001-A
Impact sound pressure level reduction Porcelain floor Vinyl	 10,1 mm 23Kg/m2 : 18 dB 2,6 mm 1,69 Kg/m2 : 20 dB	EN ISO 10140-3:2011 2011/A1:2015 2016 (Appendix H) N° Report 18-16339-294 N° Report 18-16339-295
Reaction to fire Fire classification for floors	B_{fl} s1	EN 13501-1:2007+A1:2010
Tensile adhesive strength for porcelain	> 0,60 N/mm² V=50 m/s (samples 30x30 mm)	MEF 007-A *Based on UNE-EN 1348:2007
Reach Directive	Meet	1907/2006
Rohs Directive	Meet	2002/95/CE

Appendix 2 : Determination of Creep