

# TEST REPORT

January 2015

Product

## Isolmant Fibra HD 10 mm



Property tested  
**Compressibility EN12431**

Test standard  
**UNI EN 12431:2008**

### Specimen description

Panel made of high density (140 kg/m<sup>3</sup>) recycled polyester fibers (70% post-consumption material). Thickness 10 mm.

### Test setup

Test temperature: 23° C

Specimen size: square, 200mm sides

dL: thickness of material with preload of 250 Pa

dF: thickness of material with load of 2 kPa

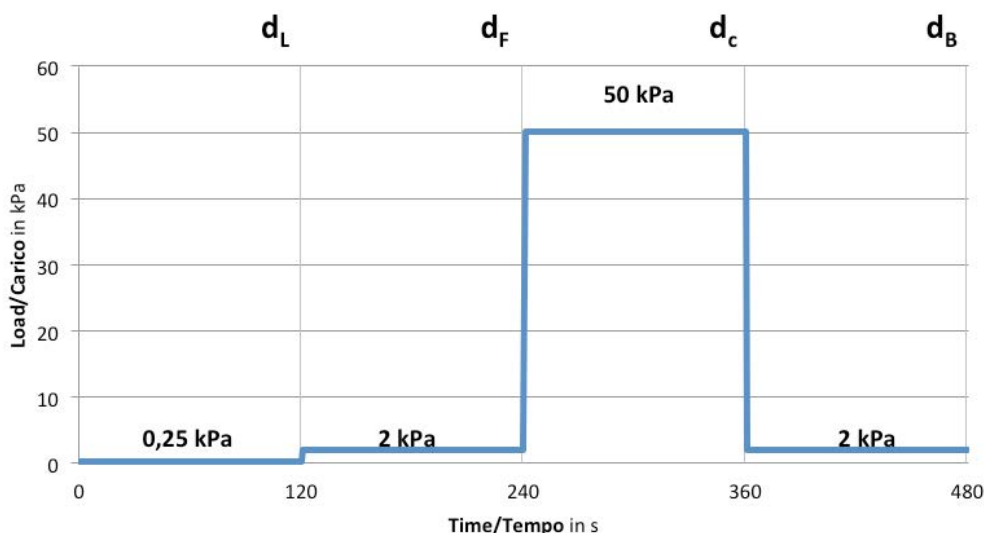
dC: thickness of material with load of 50 kPa

dB: thickness of material at the of test with load of 2 kPa

### Test results

**CP2** level of compressibility according to UNI EN 13162:2009  
**c = d<sub>L</sub> - d<sub>B</sub> = 0,84 mm** compressibility according to UNI EN 12431:2008  
**Δ = d<sub>B</sub> - d<sub>C</sub> = 2,30 mm** variation in thickness according to NF P 61-203:2003

Material type	color	no	d <sub>L</sub> mm	d <sub>F</sub> mm	d <sub>C</sub> mm	d <sub>B</sub> mm	Δ mm	c mm
Fibra HD 10 mm	green	1	10,08	9,66	7,00	9,25	2,26	0,82
		2	10,01	9,56	6,90	9,14	2,25	0,87
		3	10,14	9,71	6,92	9,31	2,39	0,83
average			<b>10,08</b>	<b>9,64</b>	<b>6,94</b>	<b>9,23</b>	<b>2,30</b>	<b>0,84</b>
standard deviation			0,1	0,1	0,1	0,1	0,1	0,0



**isolmant**  
benessere acustico e termico