

# Cellu-Cushion<sup>®</sup> S Floor underlay

## Cellu-Cushion<sup>®</sup> S 3 mm

### Material specifications:

Raw material:	LDPE (foam)
Production method:	Cellu-Cushion <sup>®</sup> is extruded with hydrocarbons blowing agent.
Cell structure:	Closed cells

Physical Properties*	Test Method	Unit	Value
Thickness	SP-1116	mm	3
Nominal density	ISO 845	kg/m <sup>3</sup>	30
Tear strength MD	ASTM D 624-86	KN/m	1,95
TD	ASTM D 624-86	KN/m	2,75
Elongation MD	ASTM D 3574	%	78
TD	ASTM D 3574	%	82
Waterabsorption	ASTM C-272-53	%	0,5
Heat conductivity	DIN 52612	W / mK	0,050
Water vapour resistance	SSO212582	S/m	3,5X10 <sup>5</sup>
Compression strength 25% deformation	DIN53577	ton/m <sup>2</sup>	2,19
Compression strength 50% deformation	DIN53577	ton/m <sup>2</sup>	7,7
Compressive set (%) (after 50% deformation in 22 hours)	ASTM3575-B	%	30
Aging resistance	SP 0414 ISO 1798	Year	50
Impact sound insulation $\Delta L_w$	SS-EN ISO 140-8 SS 02 52 67 SS-EN ISO 717-2	dB	17
Fire classification (Euro class)	EN 13501-1	-	C <sub>fl</sub> -s1

\*The data presented for this product is for unfabricated Sealed Air Corporation brand foam product. While values shown are typical of this product they should not be construed as specification limits.

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