

SPECIFICATIONS - ISODEC™ ACOUSTICAL UNDERLAY

Product	B700-BA	B750-IF	B935-IF
Composition	Recycled Rubber	Recycled Rubber	Recycled Rubber
	Particles bound by a	Particles bound by a	Particles bound by a
	Polyurethane Binder	Polyurethane Binder	Polyurethane Binder
Density	± 700 kg/m ³	± 750 kg/m ³	± 935 kg/m ³
Thickness	2 mm to 15 mm	2 mm to 15 mm	2 mm to 15 mm
Length of Rolls	20.0 m	20.0 m	
	50 ft.	50 ft.	
Width of Rolls	1.5 m	1.5 m	
	5 ft.	5 ft.	
Tensile Properties			
Modulus @ 10% Elongation	0.20 MPa	0.17 MPa	0.37 MPa
Modulus @ 20% Elongation	0.30 Mpa	0.27 Mpa	0.53 MPa
Tensile Strength	0.38 Mpa	0.44 MPa	0.66 Mpa
Elongation @ Break	32%	52%	31%
Tear Strength	5.0 N	7.0 N	9.9 N
Hardness Shore A	38	38	44
Rebound Elasticity	44%	49%	42%
Compression Set			
72 hours/23°C	11.5%	12.9%	15.2%
72 hours/70°C	41.6%	41.3%	44.8%
Swelling in Water			
168 hours/23°C	11.7%	10.9%	7.4%
Compression Stress/Strain Properties			
Comp. Modulus @ 10%	0.11 MPa	0.14 MPa	0.27 MPa
Comp. Modulus @ 20%	0.29 MPa	0.34 MPa	0.63 MPa
Heat Conductivity Value			
Heat Conductivity Coefficient	0.1366 W/mK	0.1902 W/mK	0.1714 W/mK