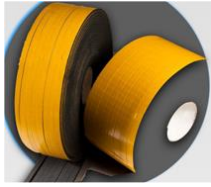


ACOUSTIC WALL LINING

Series: **BEP**



- High adhesion power.
- Can conform to porous and uneven surfaces.
- Enhances performance of TAV-500-11 wall mount series.
- Acts as internal sealant.
- ROHS and REACH compliant.
- Recommended maximum load of 1500Nm¹.
- Suited for plasterboard, steel, stud and channel partition walls.

MATERIAL

- Closed cell Polyethylene TA 33 STD

Part Number	Hardness	Thickness (mm)	Maximum Load (N/m ¹)	Natural Frequency (Hz)
BEP-25-6	25 Shore A	6.0 ± 0.3	1100	15.15
BEP-25-7	25 Shore A	7.0 ± 0.35	1100	15.15
BEP-30-8	30 Shore A	8.0 ± 0.40	1200	14.95
BEP-35-10	35 Shore A	10.0 ± 0.50	1300	14.50
BEP-40-15	40 Shore A	15.0 ± 0.75	1400	14.45
BEP-45-20	45 Shore A	20.0 ± 1.0	1500	14.50

Item	Unit of Measure	BEP Series	Test Method
Density	Kg/m ³	29.5 – 36.5	ISO 845
Resistance to longitudinal traction	Kpa	2mm: 370, 3mm: 430, 4mm: 460	ISO 1926
Elongation to longitudinal tear	%	2mm: 140, 3mm: 130, 4mm: 120	ISO 1926
Resistance to cross traction	Kpa	2mm: 230, 3mm: 280, 4mm: 290	ISO 1926
Elongation to cross tear	%	2mm: 130, 3mm: 120, 4mm: 110	ISO 1926
Resistance to compression @ 10% deformation @ 25% deformation @ 40% deformation @ 50% deformation	kPa	2mm: 17, 3mm: 19, 4mm: 20 2mm: 39, 3mm: 42, 4mm: 75 2mm: 74, 3mm: 75, 4mm: 75 2mm: 110, 3mm: 110, 4mm: 110	ISO 3386/1
Remaining deformation after 0.5 hours after 24 hours	%	2mm: 22, 3mm: 22, 4mm: 19 2mm: 8, 3mm: 11, 4mm: 11	ISO 1856-C
Thermal Conductivity (at 40°C)	W/mk	0.037 (3mm)	ISO 2581

Also see our other acoustic wall lining material the [BEC SERIES](#)

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in application for suitability.