



Isofoam ISOFO350

Lateral Isolation Material

Why choose Farrat Isofoam?

Isofoam is used predominantly as a sidewall / lateral vibration damping and isolation material since foam based materials have a tendency to creep when subjected to constant compressive forces such as under constant vertical compressive loading. Isofoam is a high quality, durable and economical material.

Features

-)] Produced from high quality Closed Cell NR and SBR foams
-)] High stiffness and damping characteristics
-)] Can be supplied as sheets or cut to size pads and strips (including holes and slots if required) according to the customer's requirements.

Applications

Farrat Isofoam can be used in the following applications;

-)] Sidewall isolation of:
 - Passive and Lateral Isolated Foundations
 - Acoustic Floating Floors



Characteristics	Unit	Test Standard	ISOFO350
Elastomeric Material			Closed Cell NR and SBR
Colour			Black
Thicknesses (alternatives available on request)	mm		37, 50
Standard Sheet Size	mm		1330 x 700
Compression Modulus - Average Static (Ec)	N/mm ² / Mpa		0.48
Max working Pressure (25% deflection)	kPa	ASTM D 1056-78	120
Equivalent depth of wet concrete	m		3 to 4.8
Ultimate Pressure (50% deflection)	kPa	NF R 99211-80	420
Density	kg/m ³		350 ±50
Compression Set (50%, 22h, 23°C)	%	ASTM D1056-78	7
Compression Set (50%, 22h, 40°C)	%	NF R 99211-80	33
Water absorbtion (max change in weight)	%	ASTM D1056-78	0.9
Elongation at break	%	ISO 1798-97	185
Tensile Strength	kPa	ISO 1798-97	1660
Operating Temperatures*	°C		-30 to +70
Maximum intermittent temperature	°C		+80
Resistance to Air + UV			Medium
Resistance to Ozone			4h / 200pphm
Resistance to Acids			Good
Resistance to Oil			Poor*
Environmental			CFC & HCFC Free. Can be recycled.

* Oil resistant grades are available to special order.

All information in this brochure is for guidance only based on current knowledge and may be subject to change and correction.



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