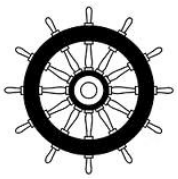
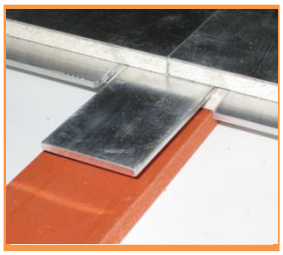
/DRUMARKON

Bisco

Material:	Bisco MA 20S/70M/100F
Weight:	Approx. 240-430 Kg/m3
Certification:	Low flame spread en smoke & toxicity: IMO Res. MSC 61 (67)
Available sizes:	40 mm
Thickness:	10 mm
Application:	Combined with sound absorbing floor (Druma-Floor NC-SR)



Bisco MA is a replacement of traditional polyurethane foams which are used for damping and eliminating vibration and noise on board of ships, but do not contribute to fire safety.



For that reason these polyurethane foams can not be used on board of ships and large yachts anymore, which are built under IMO / SOLAS regulations.

Bisco MA is a new material with superior properties, is MED certified (low flame spread en smoke & toxicity IMO Resolution MSC 61 (67)) and is resistant to oil, grease and water.

Bisco MA remains dimensionally stable under load and performs well as vibration isolator, and is therefore suited for use in combination with our newly developed floor system, which is sound insulating and also MED fire-rated as B-15 floor.

Bisco MA is available in three versions: Soft, Medium and Firm with respective densities of 240 kgs/m3, 380 kgs/m3 and 430 kgs/m3.

On request Bisco MA can be supplied in different widths or thicknesses.

Bisco MA has following advantages:

- Long Term Durability:
  Excellent dimensional stability, compression set and stress relaxation.
- Exceptional Vibration Isolation:
  Designed to exhibit low natural frequencies with high isolation efficiency.
- Superior Fire Resistance:
  Certified to Low Flame Spread, Smoke and Toxicity per IMO MSC.307(88).

For the specification of this floor, please refer to our product sheet Drumafloor NC-SR.

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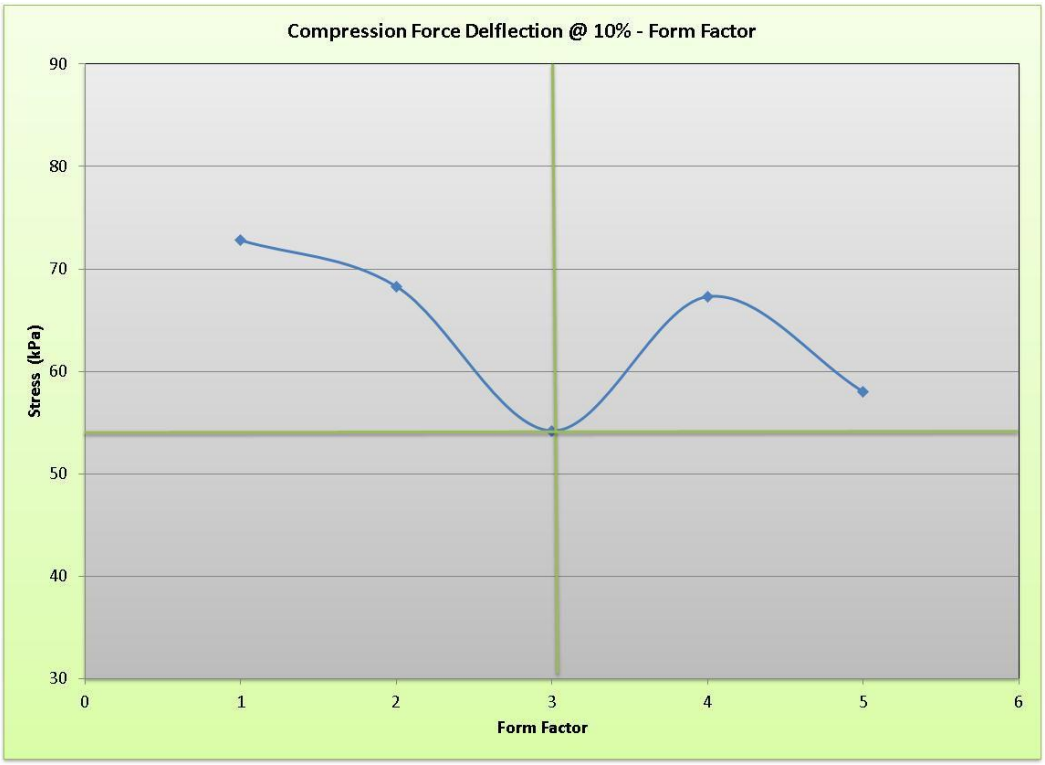
Physical Properties

	MA-20S	MA-70M	MA-100F		
				Units	Method
Color	Black	Orange	Gray		
Thickness	10			mm	
Static Load Range	20	70	100	kPa	Internal
Compression Force Deflection	28	110	152	kPa	ASTM D1056
Compression Set	< 5			%	ASTM D1056
Temperature Range	-55C to 200C			Deg C	Internal
Specifications	IMO FTP Part 5 & Part 2				
	MED Module B Certificate				
	MED Module D Certificate (MED-D-1693)				

MA-20S

Compression Deflection – Form Factor



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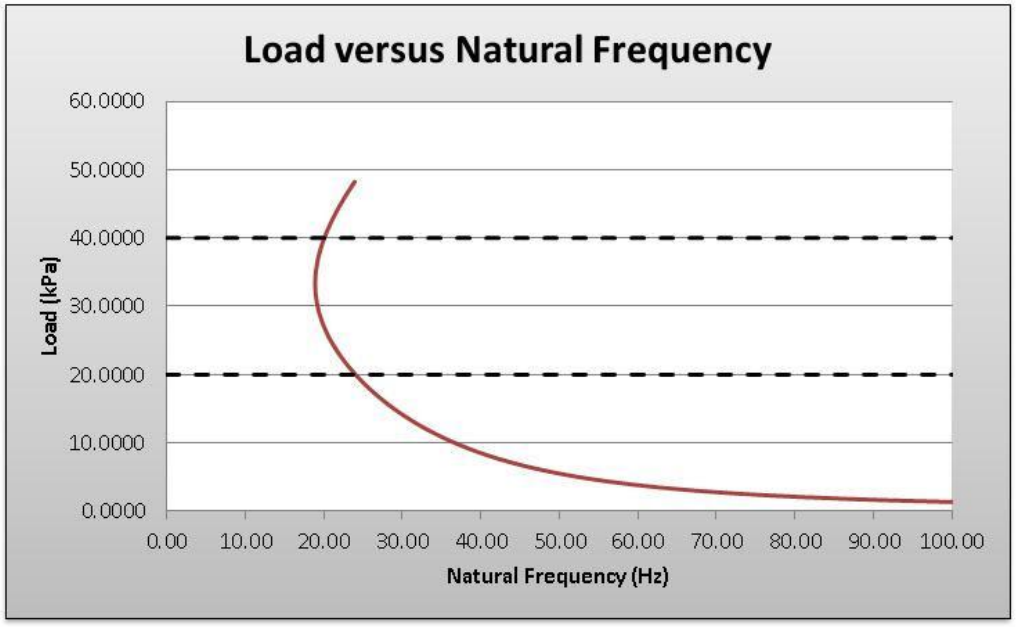
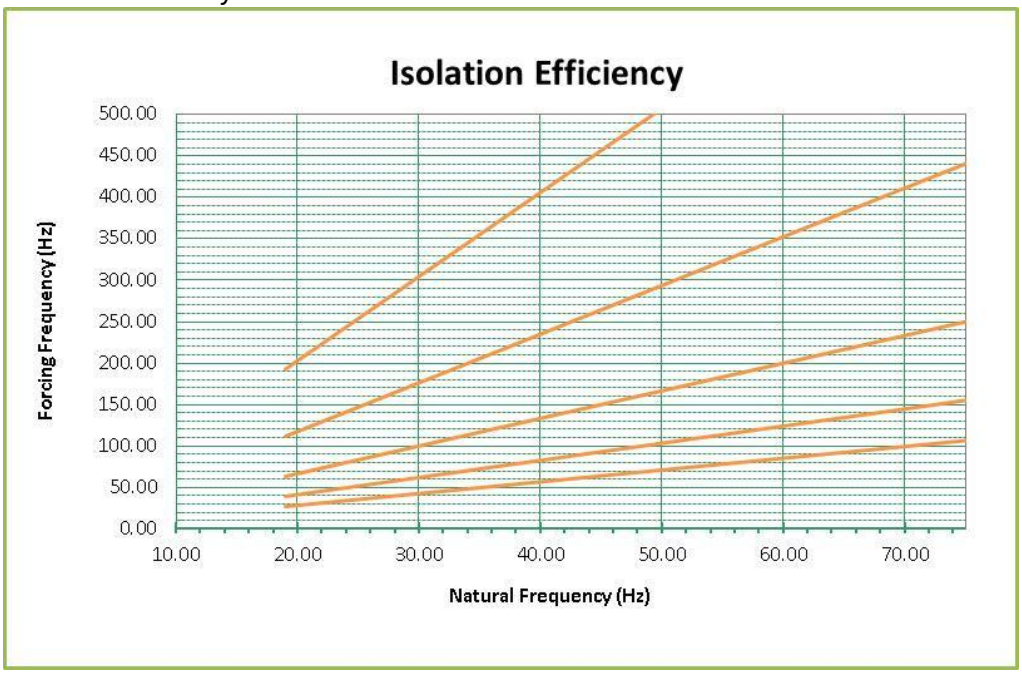
MA-20S

Natural Frequency Curve



MA-20S

Vibration Isolation Efficiency



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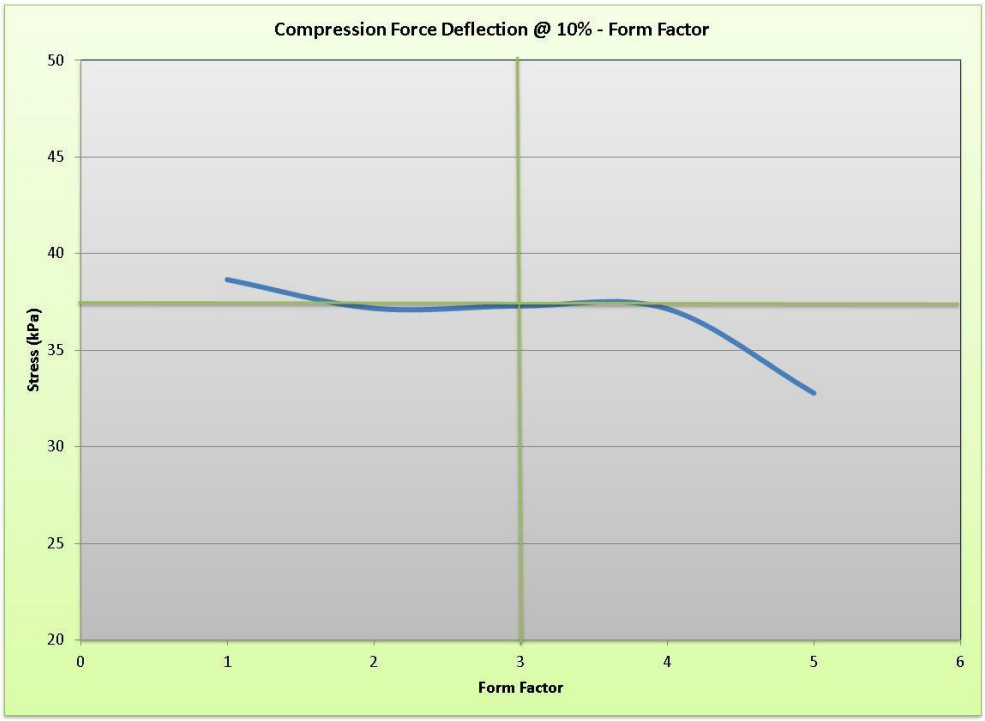
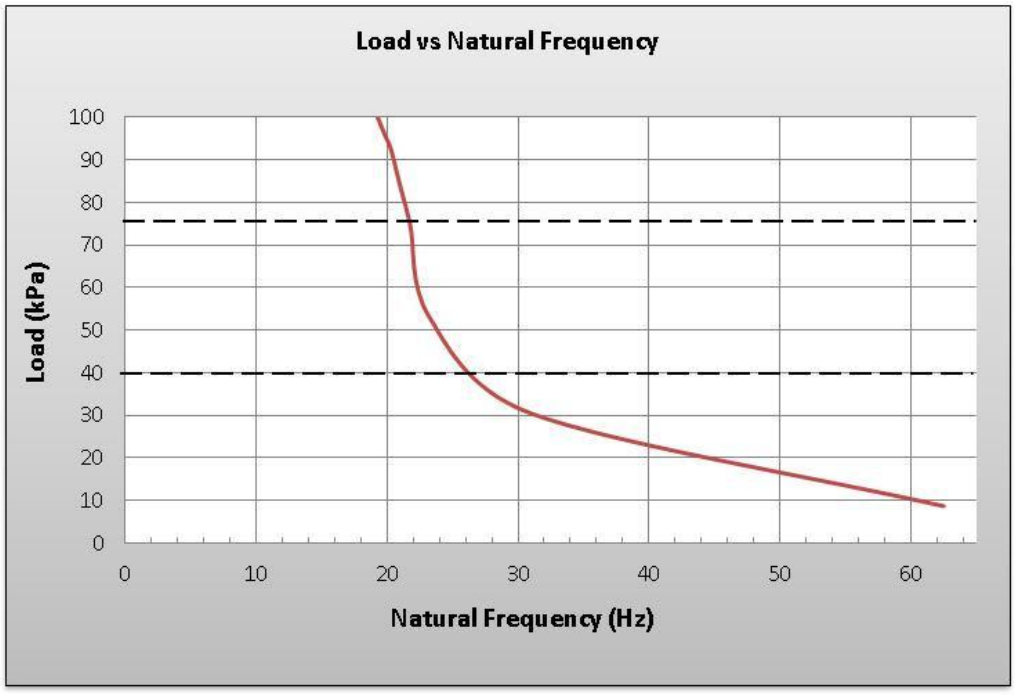
MA-70M

Compression Deflection – Form Factor



MA-20S

Natural Frequency Curve



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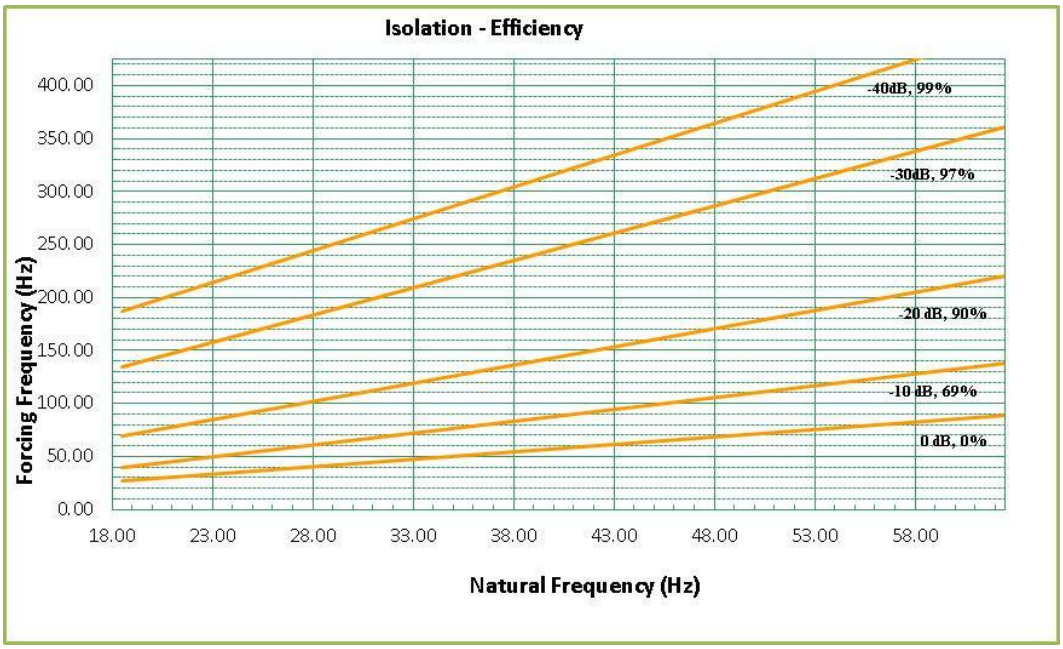
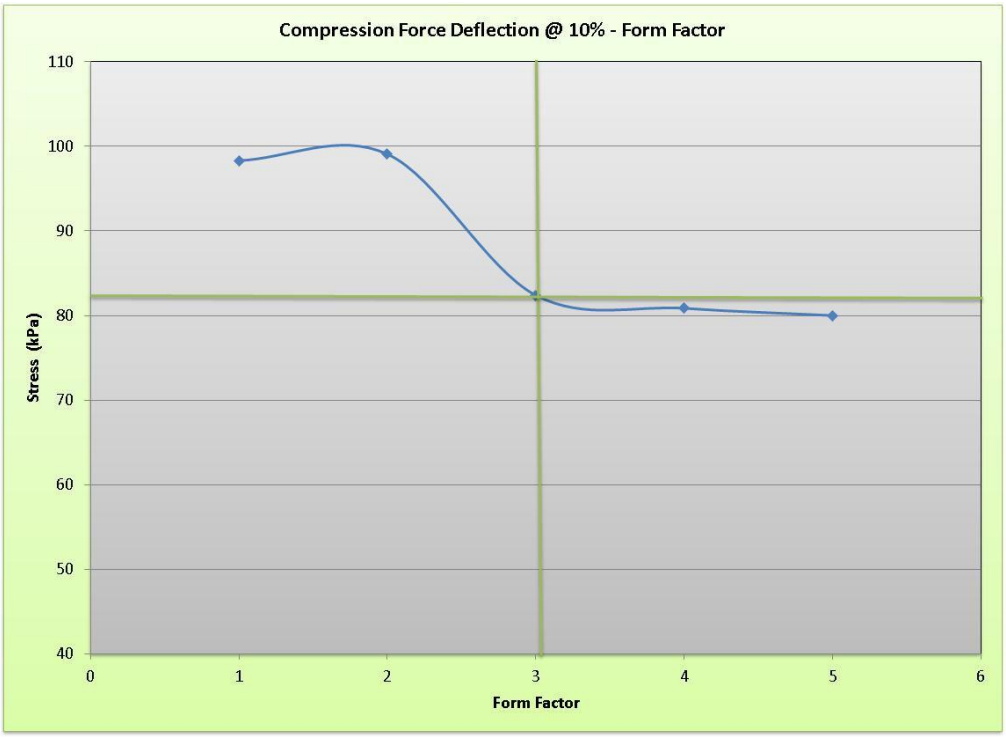
MA-20S

Vibration Isolation Efficiency



MA-100F

Compression Deflection – Form Factor



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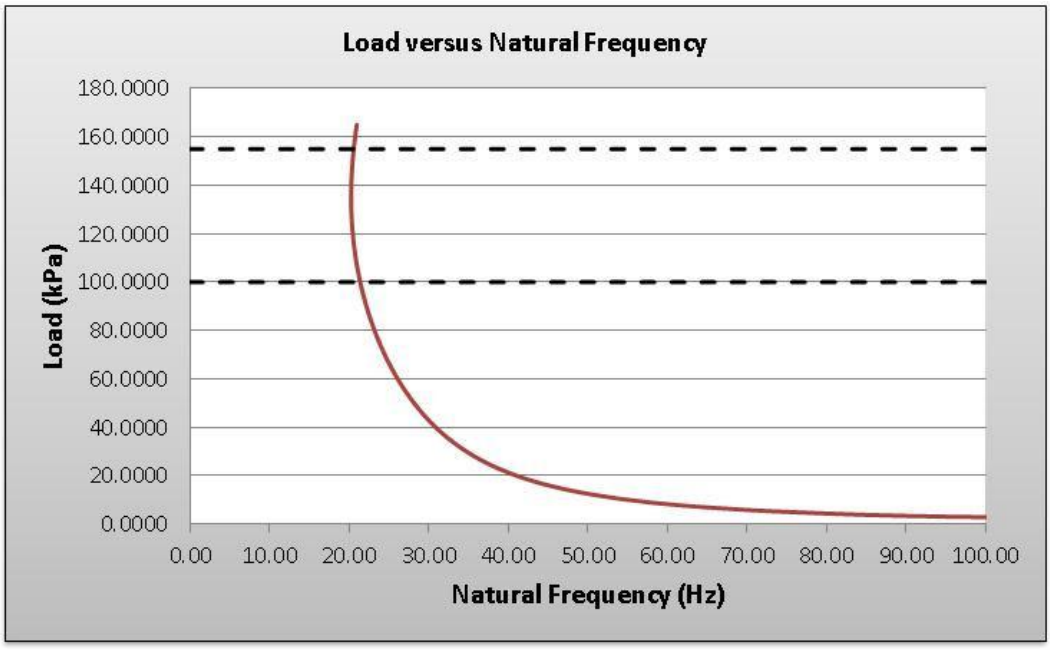
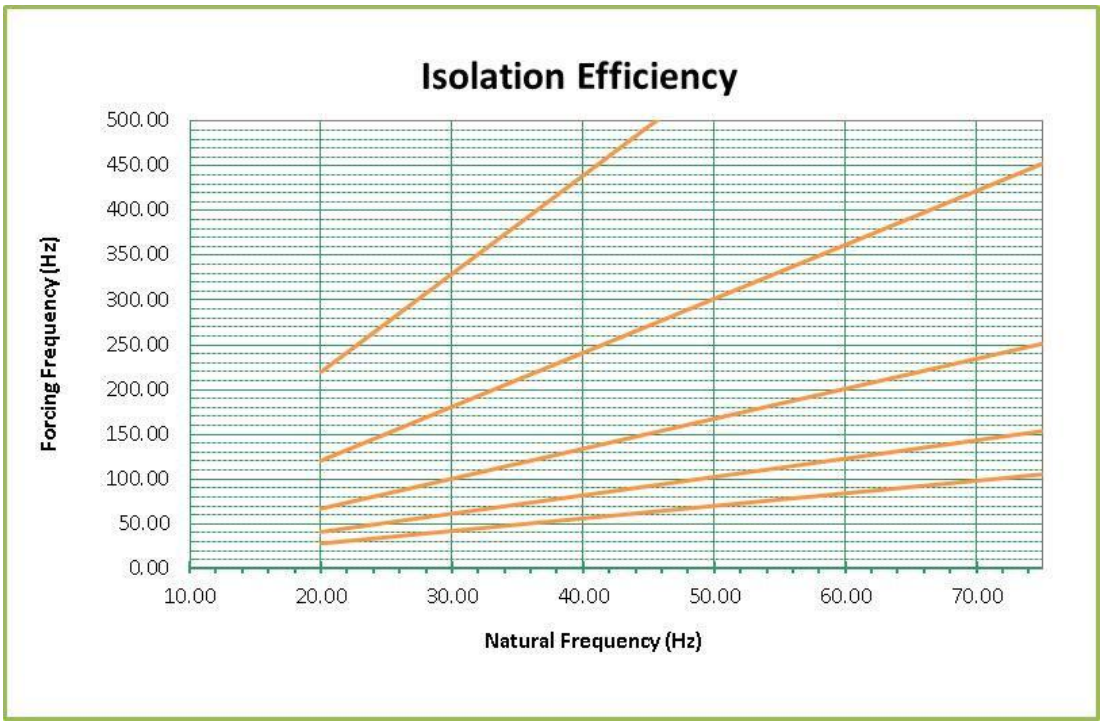
MA-100F

Natural Frequency Curve



MA-100F

Vibration Isolation Efficiency



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