

Regufoam®



Vibratec®
akustikprodukter

Standard forms of delivery, ex warehouse

Rolls

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 5,000 mm, special lengths available

Width: 1,500 mm

Stripping/Plates

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.011 N/mm²

Continuous and variable loads/operating load range

0 to 0.016 N/mm²

Peak loads (rare, short-term loads)

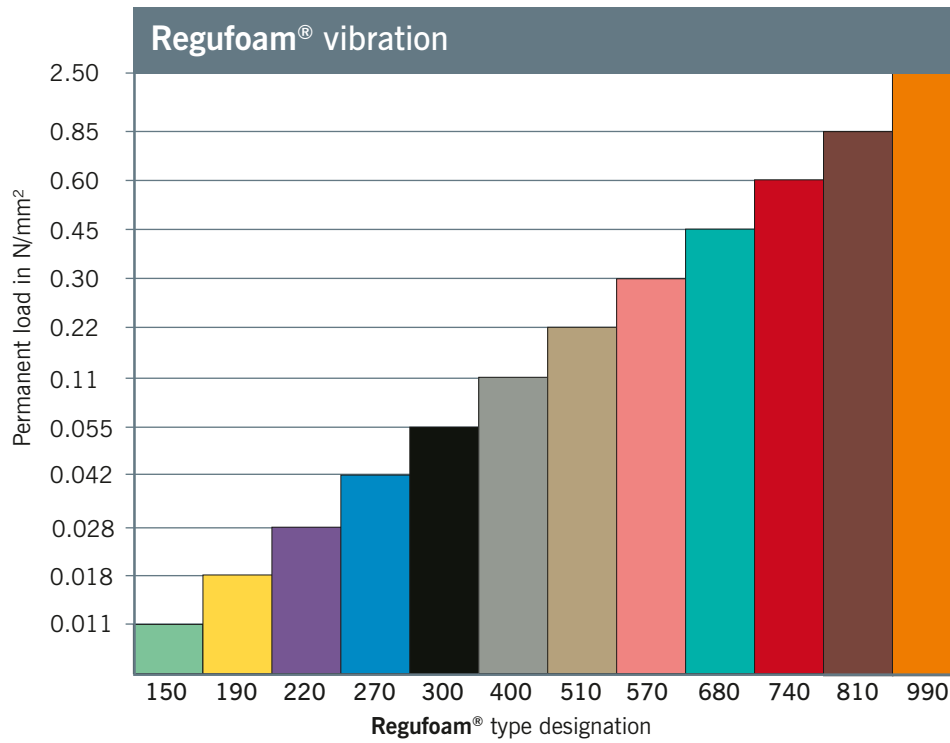
0.5 N/mm²



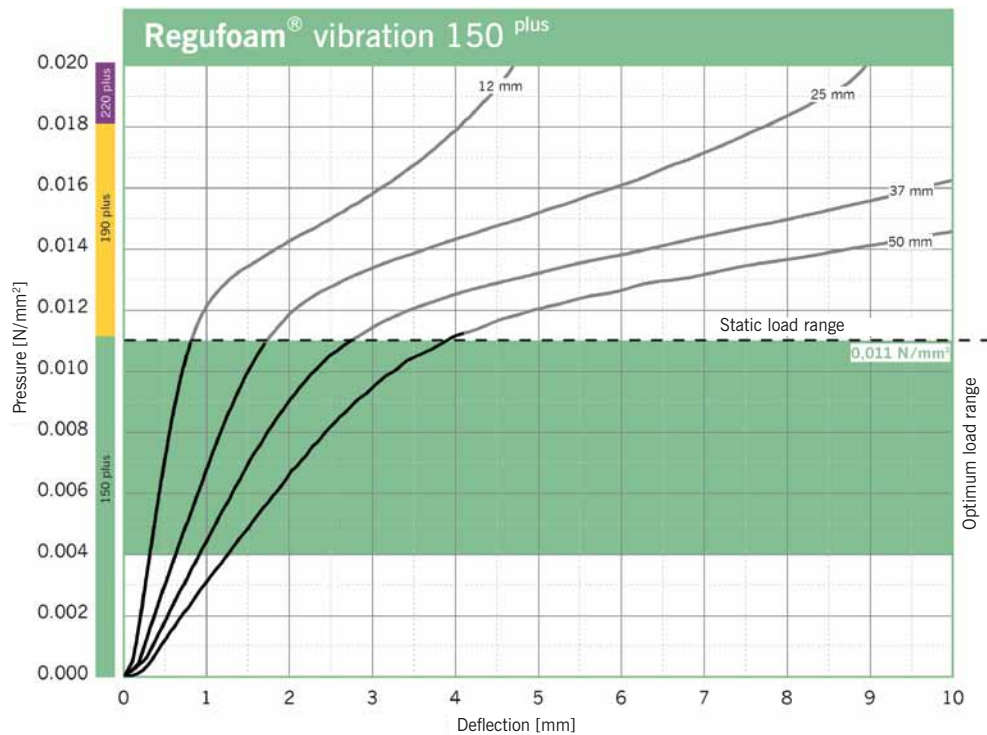
Colour: Green

Static modulus of elasticity	Based on EN 826	0.06 - 0.16	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.15 - 0.38	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.28	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	1.6	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	0.31	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	220	%	
Tear resistance	Based on DIN ISO 34-1	1.2	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.7 0.8	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	14	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	34	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	49	%	dependent on thickness, test specimen h = 25 mm

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

Standard forms of delivery, ex warehouse

Rolls

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 5,000 mm, special lengths available

Width: 1,500 mm

Stripping/Plates

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.018 N/mm²

Continuous and variable loads/operating load range

0 to 0.028 N/mm²

Peak loads (rare, short-term loads)

0.8 N/mm²



Colour: Yellow

N/mm²



Static modulus of elasticity	Based on EN 826	0.1 - 0.25	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.25 - 0.55	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.25	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	2.0	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	0.4	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	220	%	
Tear resistance	Based on DIN ISO 34-1	2.0	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.7 0.8	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	22	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	35	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	61	%	dependent on thickness, test specimen h = 25 mm

Sweden

Tel: +46 176 20 78 80

e-mail: info@vibratec.se

Norway

Tel: +47 33 07 07 50

e-mail: info@vibratec.no

Denmark

Tel: +45 49 13 22 44

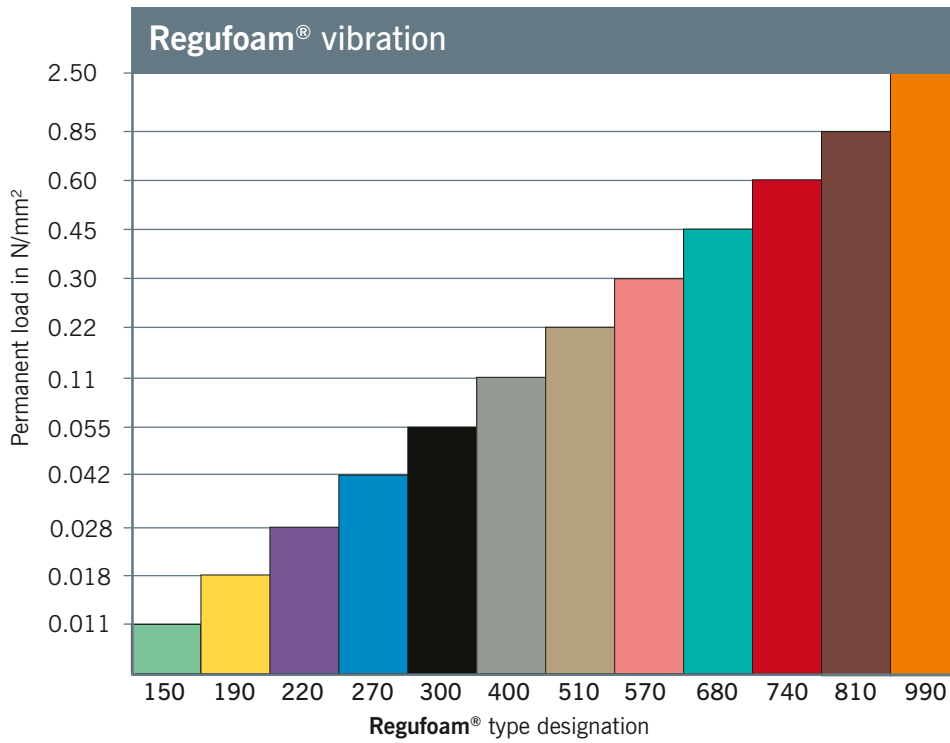
e-mail: info@vibratec.dk

Estonia

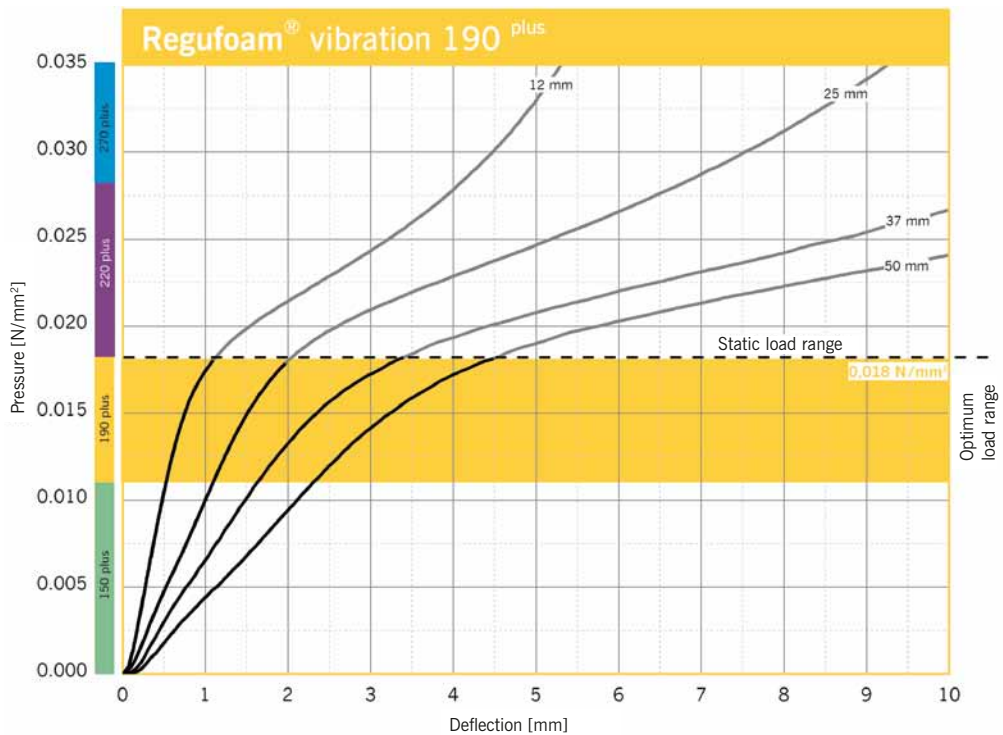
Tel: +372 56 66 29 93

e-mail: info@vibratec.ee

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

Sweden
Tel: +46 176 20 78 80
e-mail: info@vibratec.se

Norway
Tel: +47 33 07 07 50
e-mail: info@vibratec.no

Denmark
Tel: +45 49 13 22 44
e-mail: info@vibratec.dk

Estonia
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Standard forms of delivery, ex warehouse

Rolls

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 5,000 mm, special lengths available

Width: 1,500 mm

Stripping/Plates

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.028 N/mm²

Continuous and variable loads/operating load range

0 to 0.04 N/mm²

Peak loads (rare, short-term loads)

0.9 N/mm²



Colour: Purple

N/mm²



Static modulus of elasticity	Based on EN 826	0.15 - 0.35	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.35 - 0.75	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.22	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	2.3	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	0.5	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	180	%	
Tear resistance	Based on DIN ISO 34-1	2.1	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.7 0.8	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	39	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	47	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	69	%	dependent on thickness, test specimen h = 25 mm

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Tel: +46 176 20 78 80

e-mail: info@vibratec.se

Norway

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e-mail: info@vibratec.no

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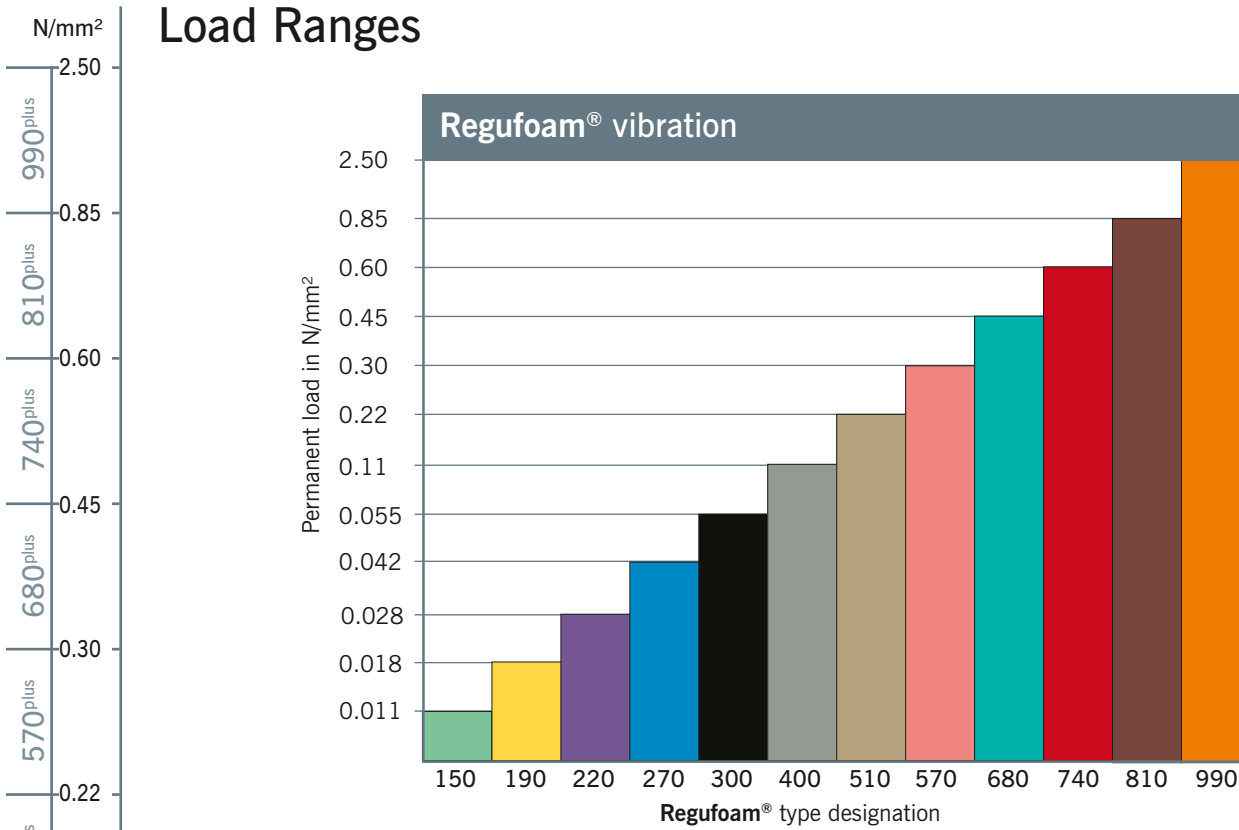
e-mail: info@vibratec.dk

Estonia

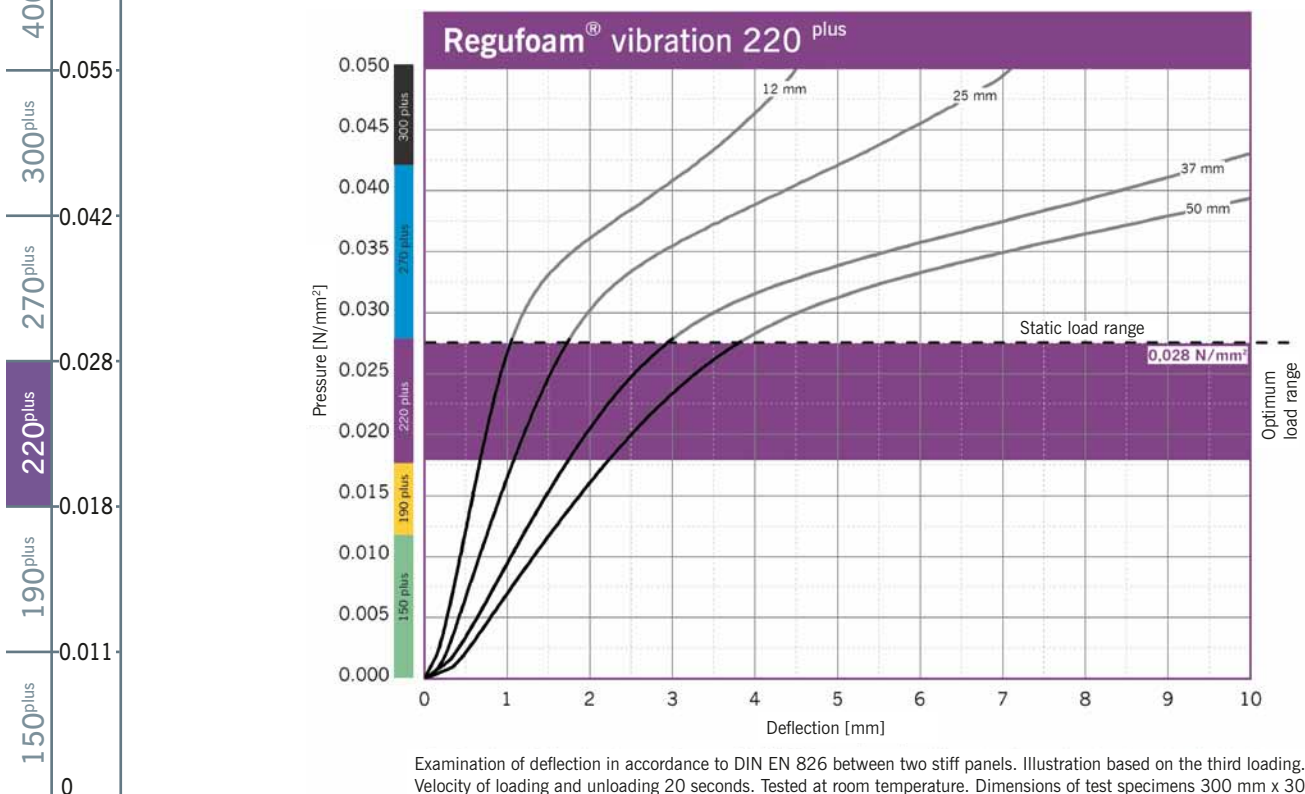
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Load Ranges



Load Deflection



Standard forms of delivery, ex warehouse

Rolls

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 5,000 mm, special lengths available

Width: 1,500 mm

Stripping/Plates

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

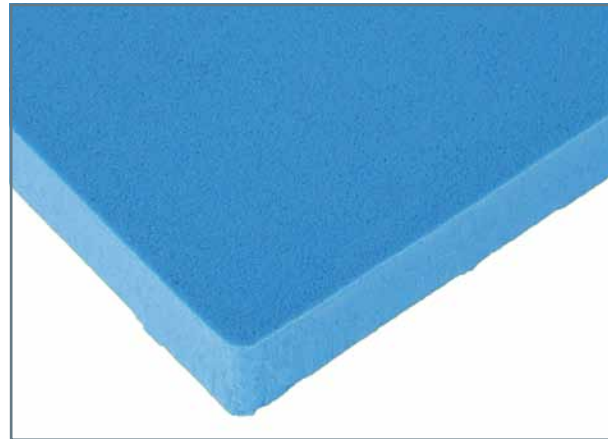
0.042 N/mm²

Continuous and variable loads/operating load range

0 to 0.062 N/mm²

Peak loads (rare, short-term loads)

1.2 N/mm²

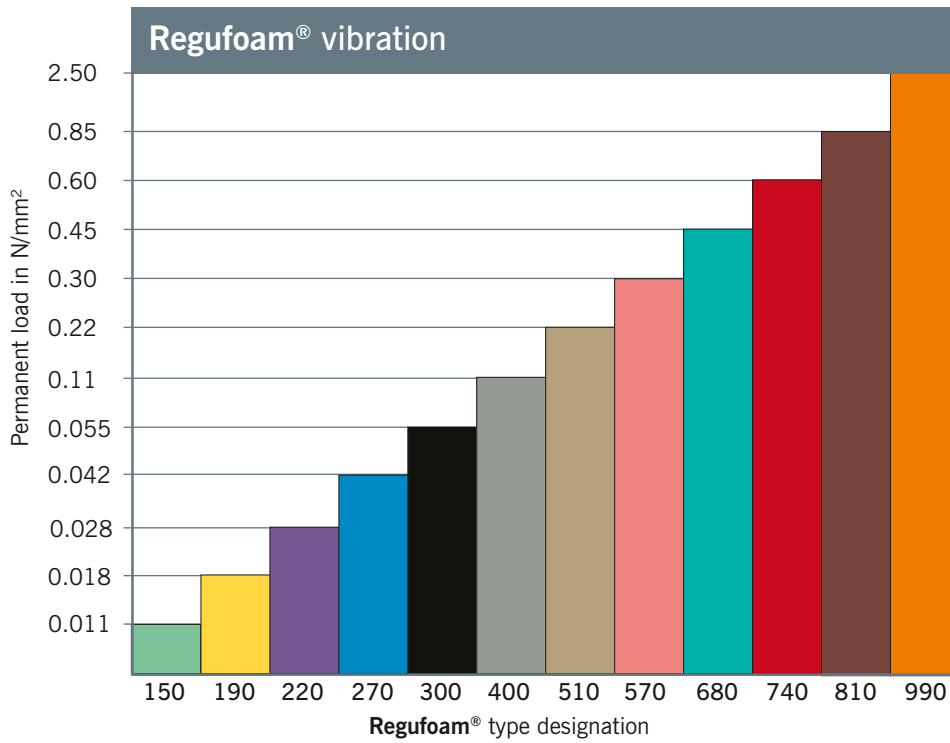


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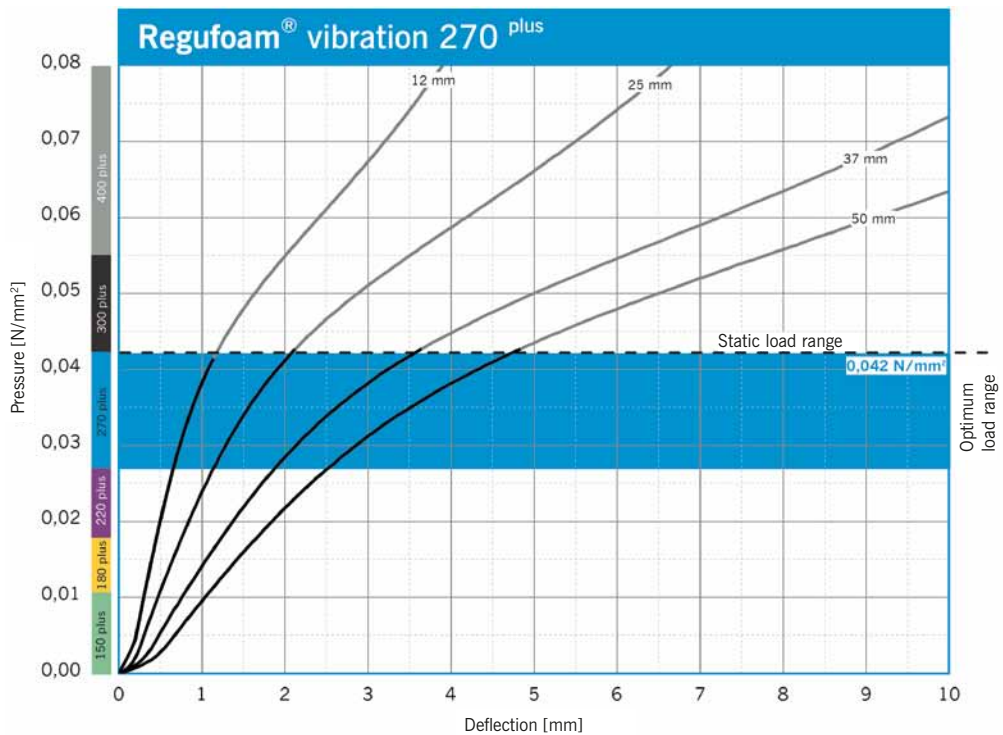


Static modulus of elasticity	Based on EN 826	0.25 - 0.45	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.60 - 1.05	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.2	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	3.2	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	0.9	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	210	%	
Tear resistance	Based on DIN ISO 34-1	4.5	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.7 0.8	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	63	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	38	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	70	%	dependent on thickness, test specimen h = 25 mm

Load Ranges



Load Deflection



Examination of deflection in accordance with DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

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e-mail: info@vibratec.se

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e-mail: info@vibratec.no

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Standard forms of delivery, ex warehouse

Rolls

Thickness: 12.5 and 25 mm, special thicknesses on request
Length: 5,000 mm, special lengths available
Width: 1,500 mm

Stripping/Plates

On request
Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.055 N/mm²

Continuous and variable loads/operating load range

0 to 0.08 N/mm²

Peak loads (rare, short-term loads)

2 N/mm²



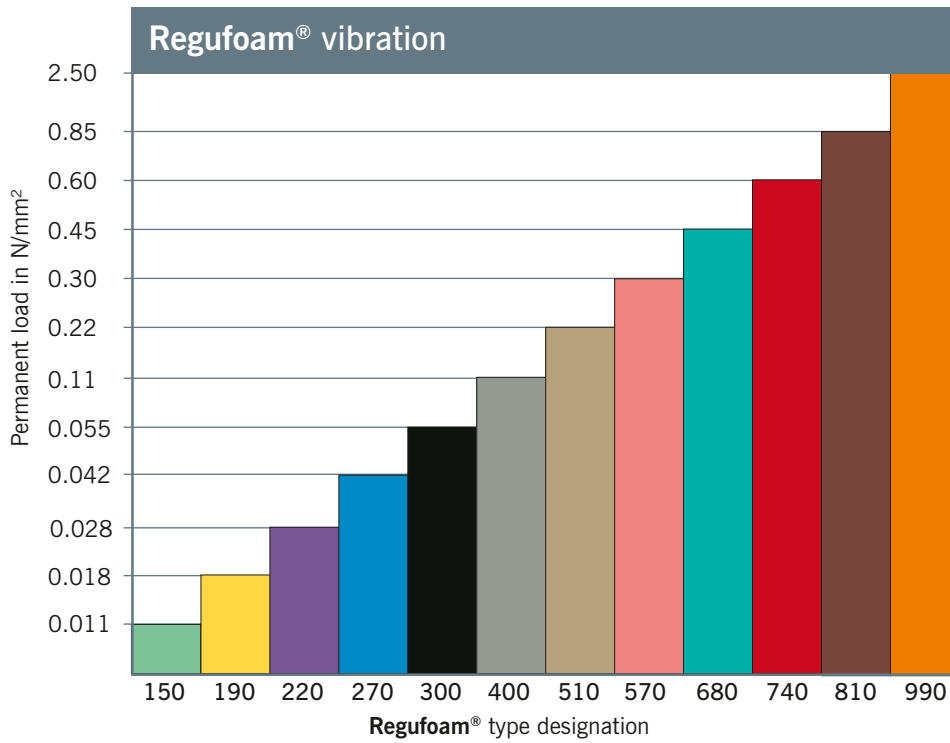
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N/mm²

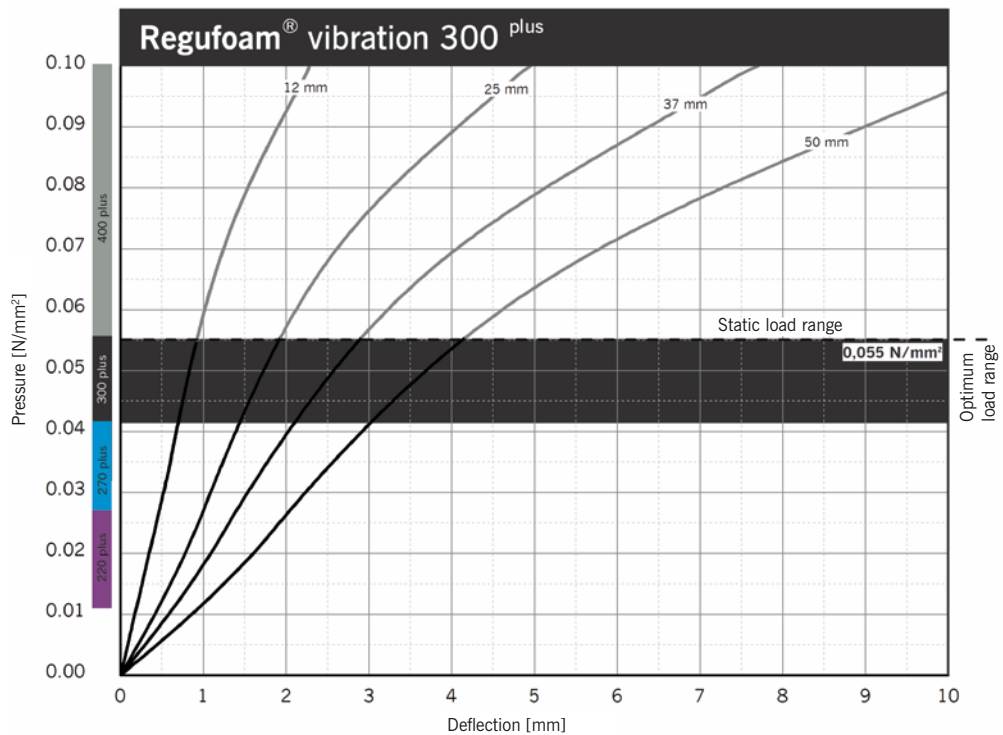


Static modulus of elasticity	Based on EN 826	0.35 - 0.58	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.68 - 1.25	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.18	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	3.4	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	1.2	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	240	%	
Tear resistance	Based on DIN ISO 34-1	4.8	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.75	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	82	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	44	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	72	%	dependent on thickness, test specimen h = 25 mm

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.11 N/mm²

Continuous and variable loads/operating load range

0 to 0.16 N/mm²

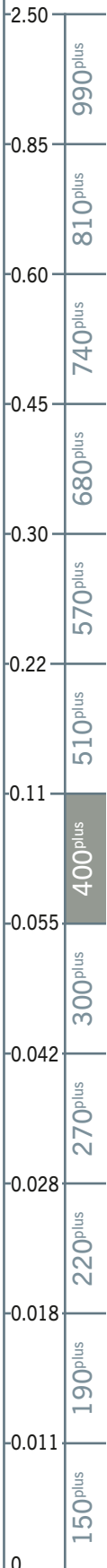
Peak loads (rare, short-term loads)

up to 3 N/mm²



Colour: Grey

N/mm²



Static modulus of elasticity	Based on EN 826	0.6 - 1.0	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	1.2 - 2.0	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.17	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	3.9	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	1.5	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	220	%	
Tear resistance	Based on DIN ISO 34-1	6.0	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.7 0.8	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	170	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	57	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	68	%	dependent on thickness, test specimen h = 25 mm

Sweden

Tel: +46 176 20 78 80

e-mail: info@vibratec.se

Norway

Tel: +47 33 07 07 50

e-mail: info@vibratec.no

Denmark

Tel: +45 49 13 22 44

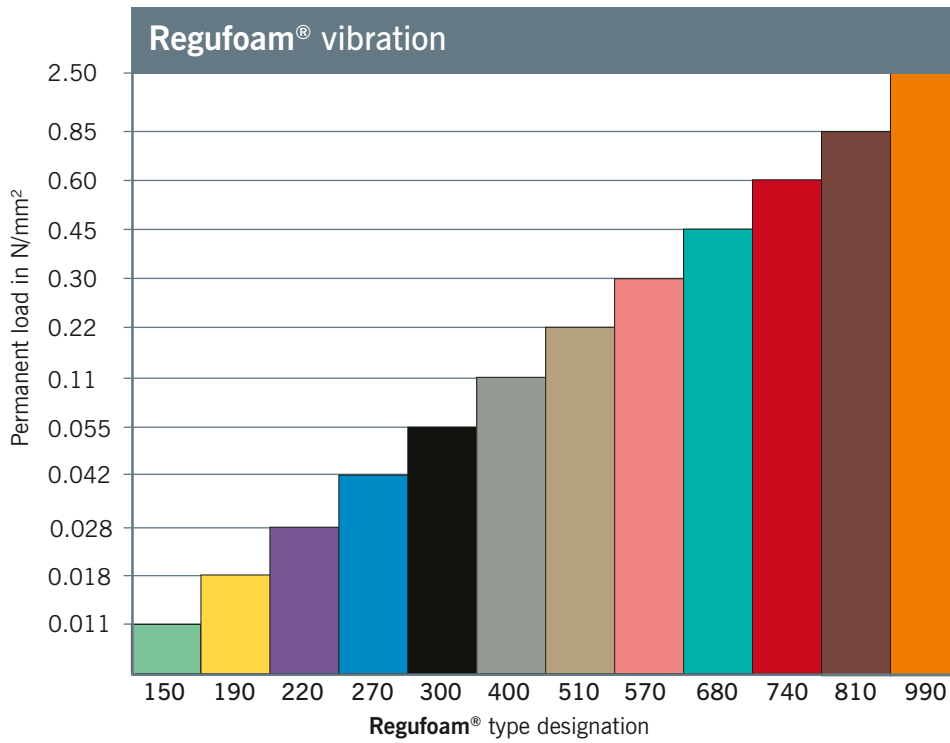
e-mail: info@vibratec.dk

Estonia

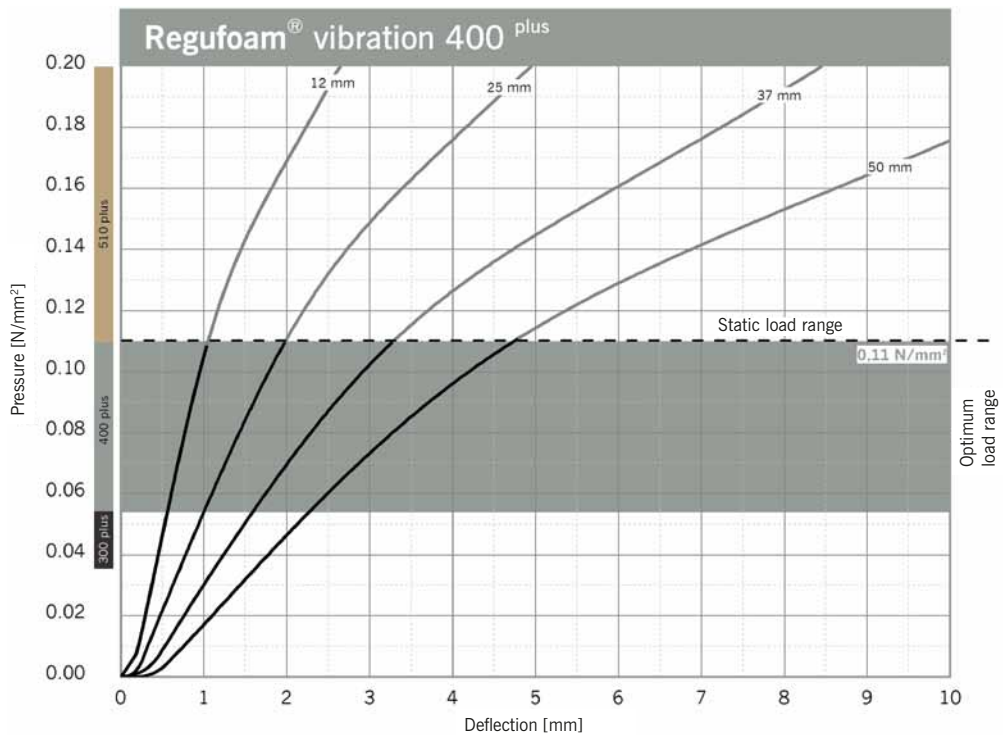
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e-mail: info@vibratec.ee

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

Sweden
Tel: +46 176 20 78 80
e-mail: info@vibratec.se

Norway
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e-mail: info@vibratec.no

Denmark
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e-mail: info@vibratec.dk

Estonia
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e-mail: info@vibratec.ee

Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.22 N/mm²

Continuous and variable loads/operating load range

0 to 0.32 N/mm²

Peak loads (rare, short-term loads)

up to 4 N/mm²



Colour: Beige

N/mm²



Static modulus of elasticity	Based on EN 826	1.1 - 1.7	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	2.2 - 3.7	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.15	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	4.2	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	2.4	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	240	%	
Tear resistance	Based on DIN ISO 34-1	9.3	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.7 0.8	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	330	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	60	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	61	%	dependent on thickness, test specimen h = 25 mm

Sweden

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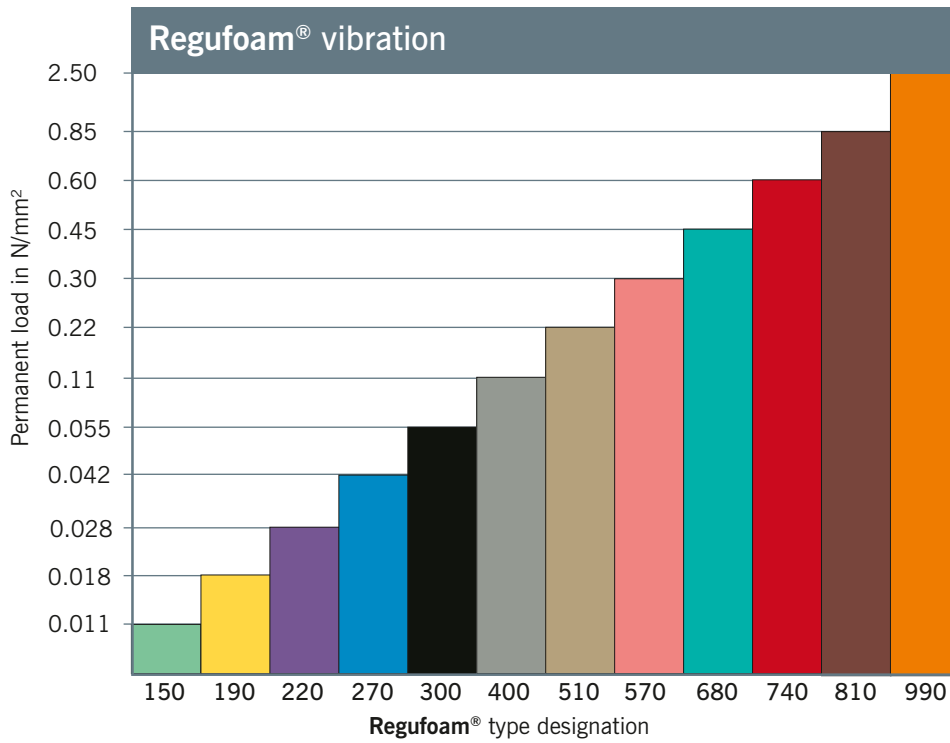
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Estonia

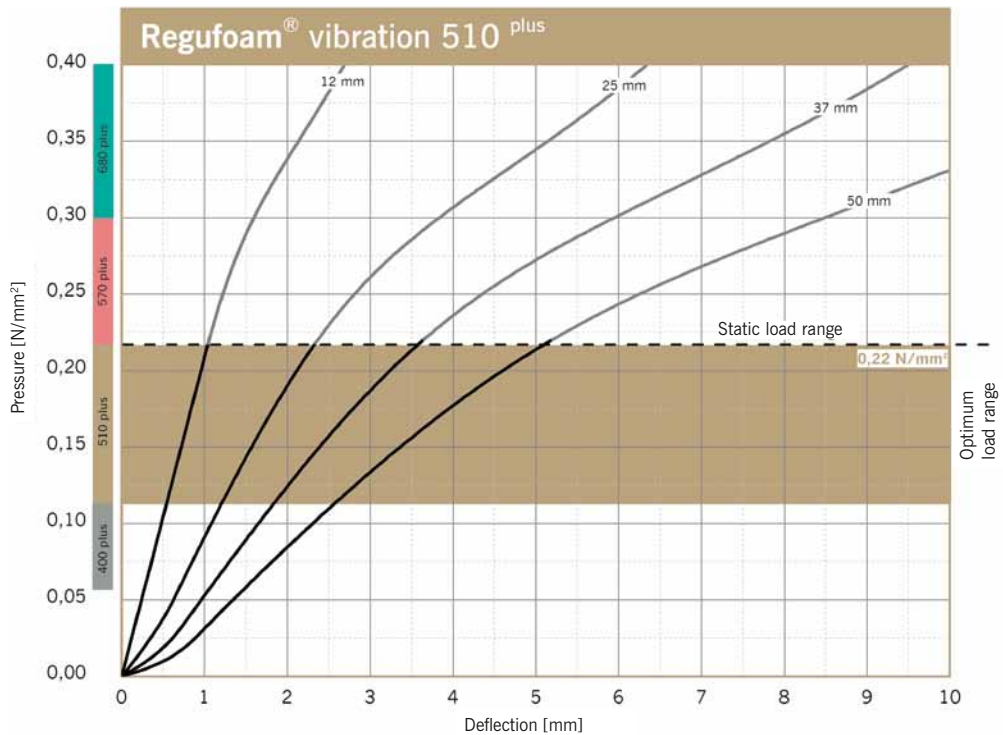
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Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.30 N/mm²

Continuous and variable loads/operating load range

0 to 0.42 N/mm²

Peak loads (rare, short-term loads)

up to 4.5 N/mm²

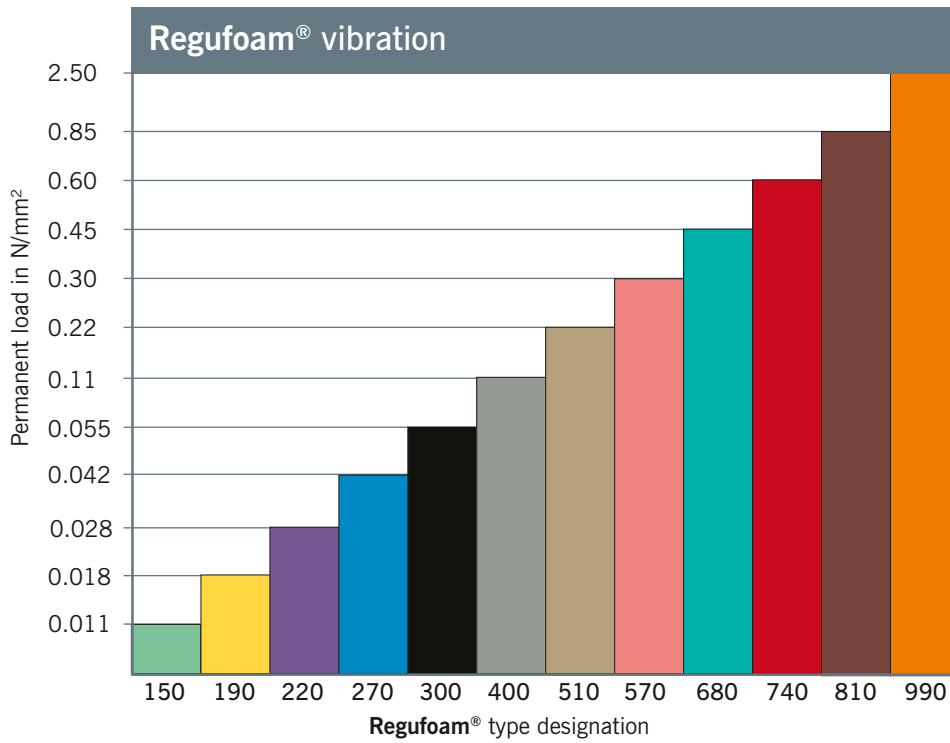


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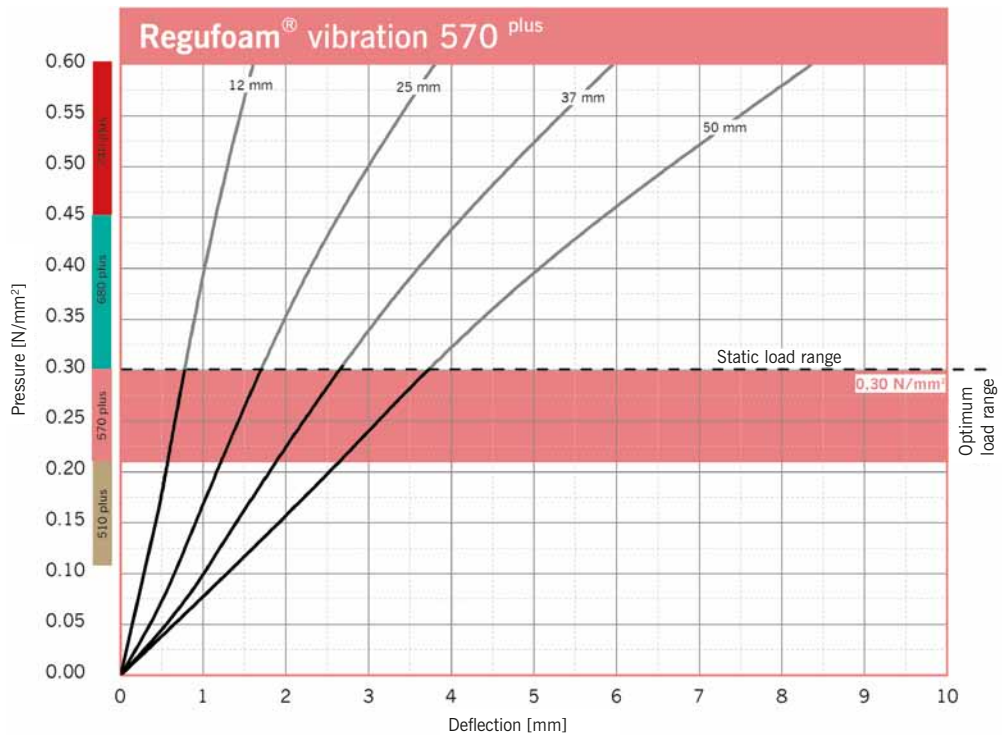


Static modulus of elasticity	Based on EN 826	2.6 - 2.7	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	5.1 - 6.3	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.14	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	4.4	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	2.9	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	210	%	
Tear resistance	Based on DIN ISO 34-1	14.1	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.7	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	620	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	58	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	50	%	dependent on thickness, test specimen h = 25 mm

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

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Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.45 N/mm²

Continuous and variable loads/operating load range

0 to 0.62 N/mm²

Peak loads (rare, short-term loads)

up to 5 N/mm²



Colour: Turquoise

N/mm²



Static modulus of elasticity	Based on EN 826	2.0 - 2.9	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	6.8 - 10.0	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.12	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	6.2	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	3.6	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	230	%	
Tear resistance	Based on DIN ISO 34-1	18.5	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.7	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	840	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	58	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	44	%	dependent on thickness, test specimen h = 25 mm

Sweden

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Norway

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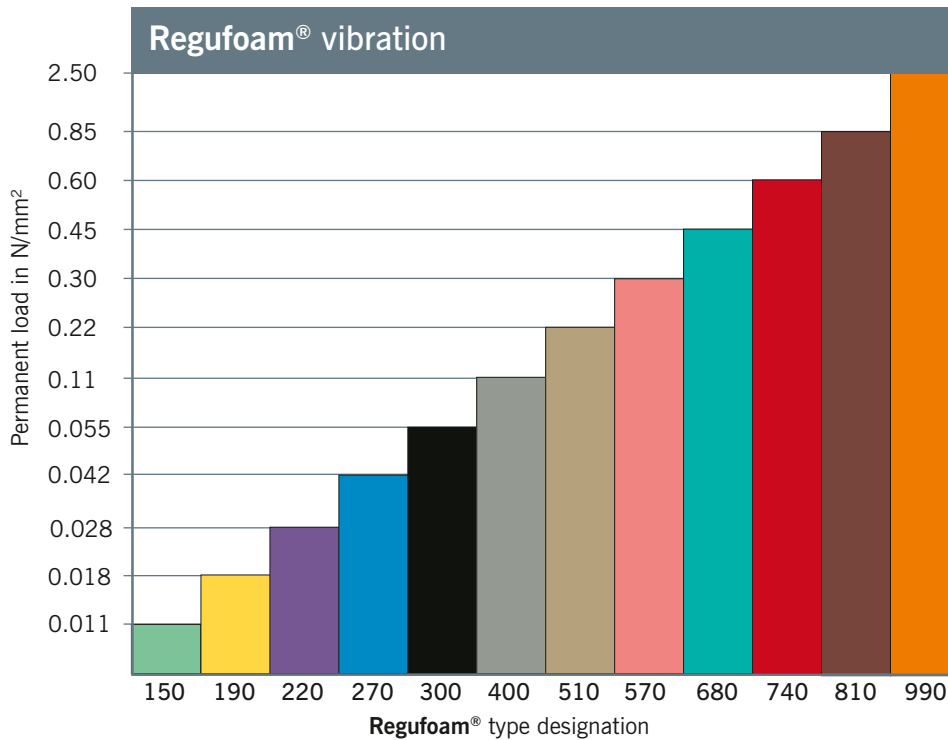
e-mail: info@vibratec.dk

Estonia

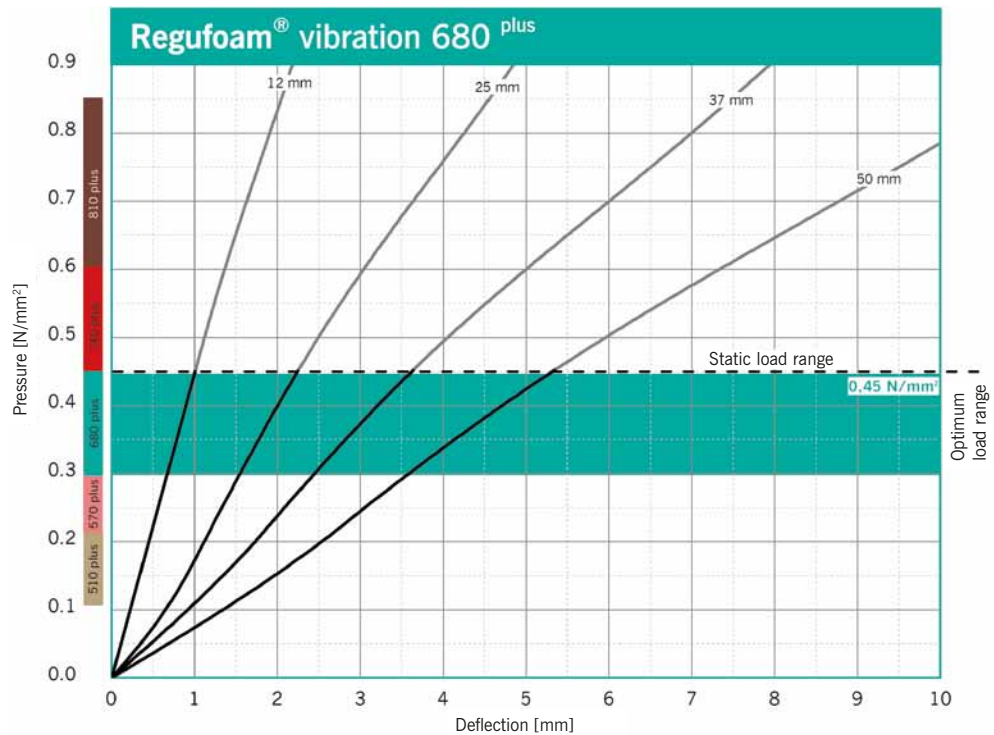
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Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 300 mm x 300 mm.

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Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

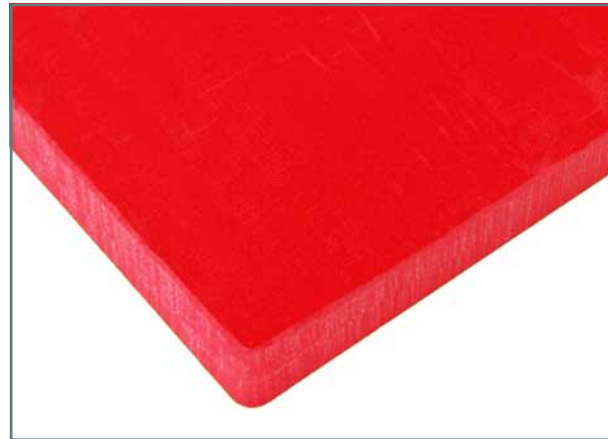
0.60 N/mm²

Continuous and variable loads/operating load range

0 to 0.85 N/mm²

Peak loads (rare, short-term loads)

up to 6 N/mm²



Colour: Red

N/mm²



Static modulus of elasticity	Based on EN 826	4.3 - 5.9	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	7.9 - 13.0	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.11	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	4.8	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	4.0	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	210	%	
Tear resistance	Based on DIN ISO 34-1	19.0	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.7	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	1050	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	59	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	39	%	dependent on thickness, test specimen h = 25 mm

Sweden

Tel: +46 176 20 78 80

e-mail: info@vibratec.se

Norway

Tel: +47 33 07 07 50

e-mail: info@vibratec.no

Denmark

Tel: +45 49 13 22 44

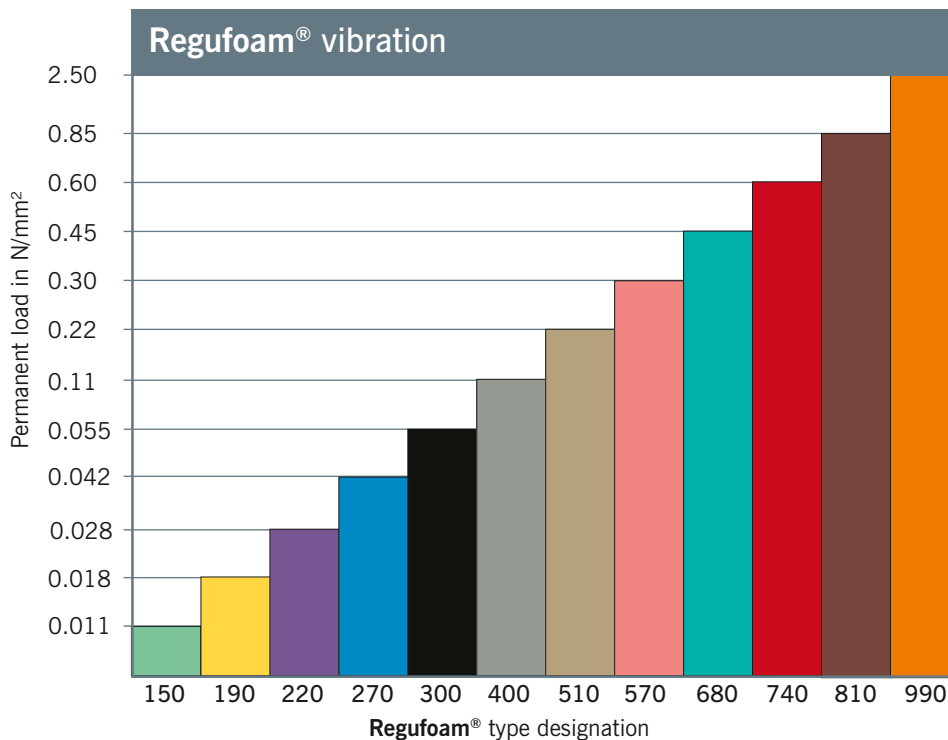
e-mail: info@vibratec.dk

Estonia

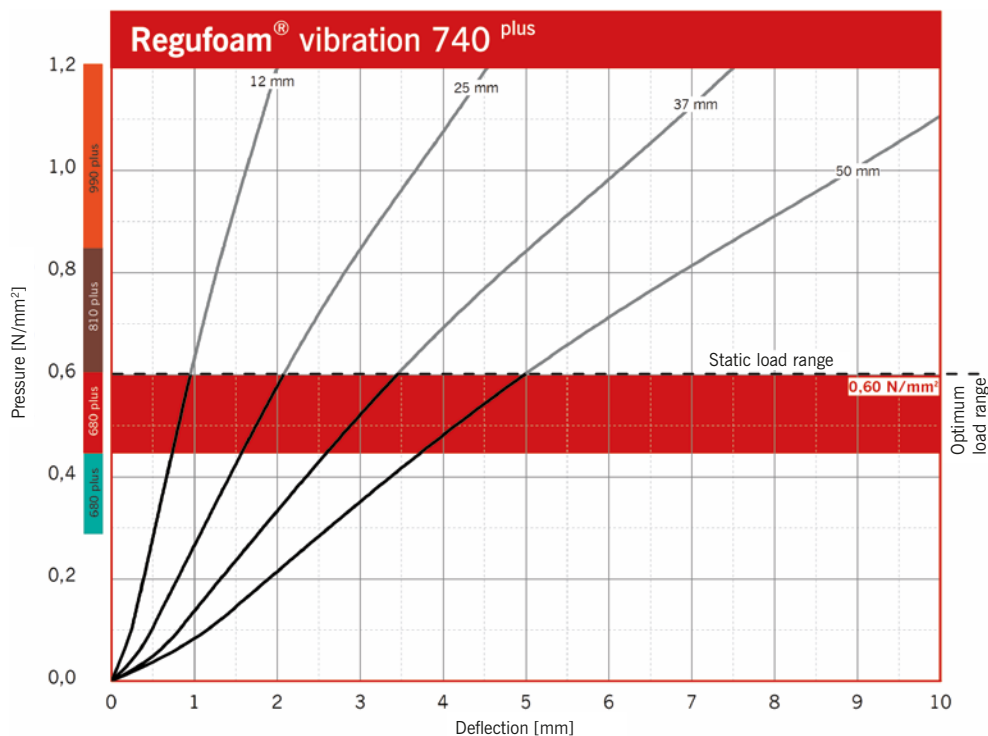
Tel: +372 56 66 29 93

e-mail: info@vibratec.ee

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 250 mm x 250 mm.

Sweden
Tel: +46 176 20 78 80
e-mail: info@vibratec.se

Norway
Tel: +47 33 07 07 50
e-mail: info@vibratec.no

Denmark
Tel: +45 49 13 22 44
e-mail: info@vibratec.dk

Estonia
Tel: +372 56 66 29 93
e-mail: info@vibratec.ee

Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.85 N/mm²

Continuous and variable loads/operating load range

0 to 1.20 N/mm²

Peak loads (rare, short-term loads)

up to 7 N/mm²



Colour: Brown

N/mm²

2.50

990^{plus}

810^{plus}

0.85

0.60

740^{plus}

0.45

680^{plus}

0.30

570^{plus}

0.22

510^{plus}

0.11

400^{plus}

0.055

300^{plus}

0.042

270^{plus}

0.028

220^{plus}

0.018

190^{plus}

0.011

150^{plus}

0

Static modulus of elasticity	Based on EN 826	5.8 - 7.2	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	11.0 - 16.5	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.10	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	7.9	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	4.6	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	230	%	
Tear resistance	Based on DIN ISO 34-1	20.0	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.75	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	1241	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	58	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	35	%	dependent on thickness, test specimen h = 25 mm

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e-mail: info@vibratec.no

Denmark

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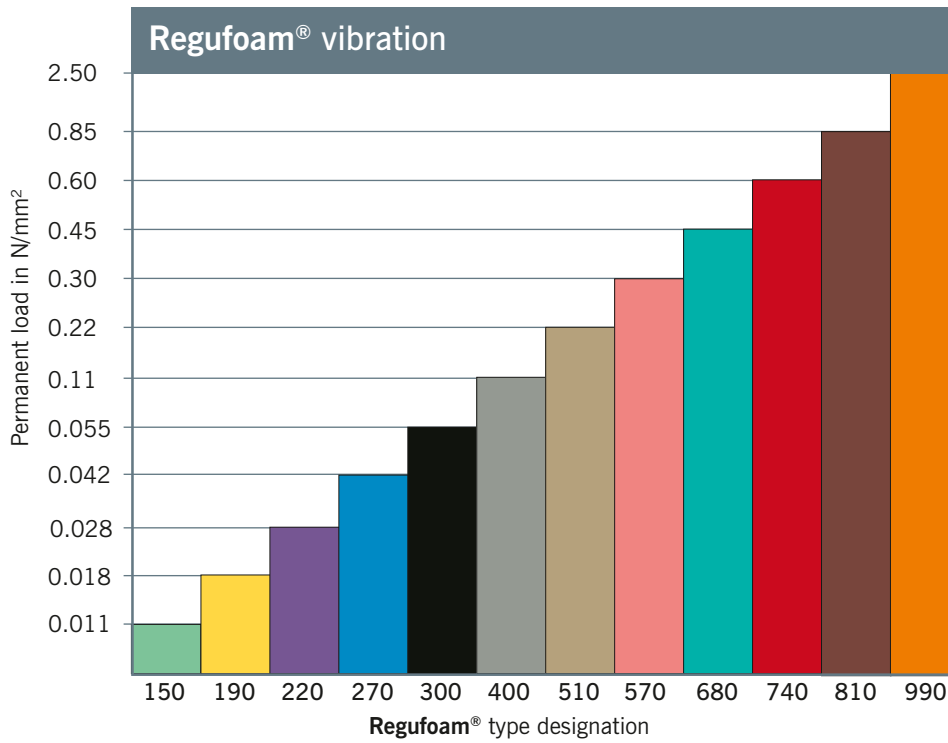
e-mail: info@vibratec.dk

Estonia

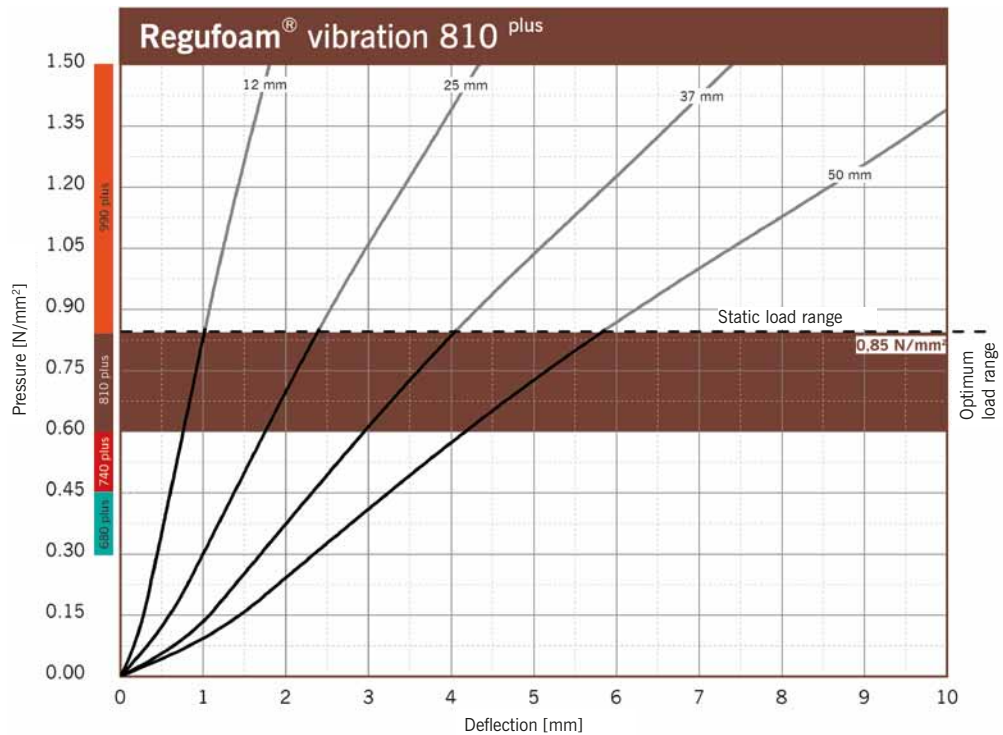
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e-mail: info@vibratec.ee

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 250 mm x 250 mm.

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e-mail: info@vibratec.se

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e-mail: info@vibratec.no

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Estonia
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e-mail: info@vibratec.ee

Standard forms of delivery, ex warehouse

Plates

Thickness: 12.5 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

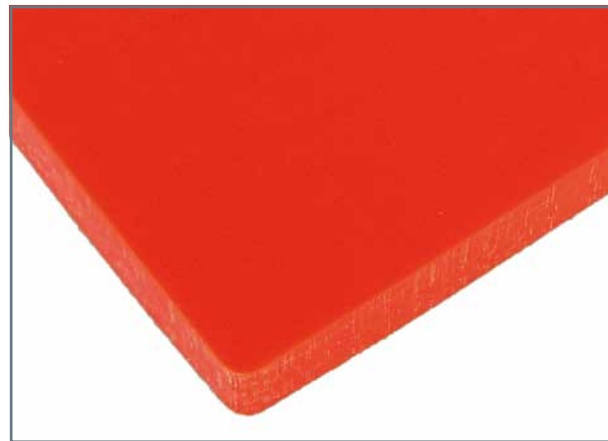
2.5 N/mm²

Continuous and variable loads/operating load range

0 to 3.5 N/mm²

Peak loads (rare, short-term loads)

up to 8.0 N/mm²



Colour: Orange

N/mm²



Static modulus of elasticity	Based on EN 826	20.0 - 78.0	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	41.0 - 160.0	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.09	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	8.6	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	6.9	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	190	%	
Tear resistance	Based on DIN ISO 34-1	34.5	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.5 0.6	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	3640	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	55	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	20	%	dependent on thickness, test specimen h = 25 mm

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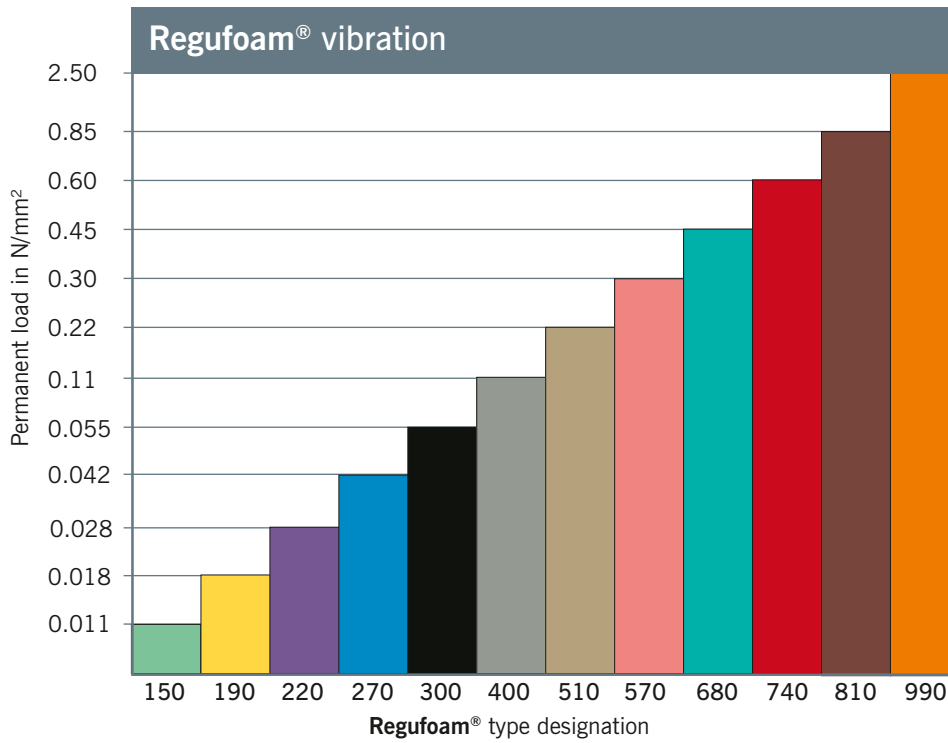
e-mail: info@vibratec.dk

Estonia

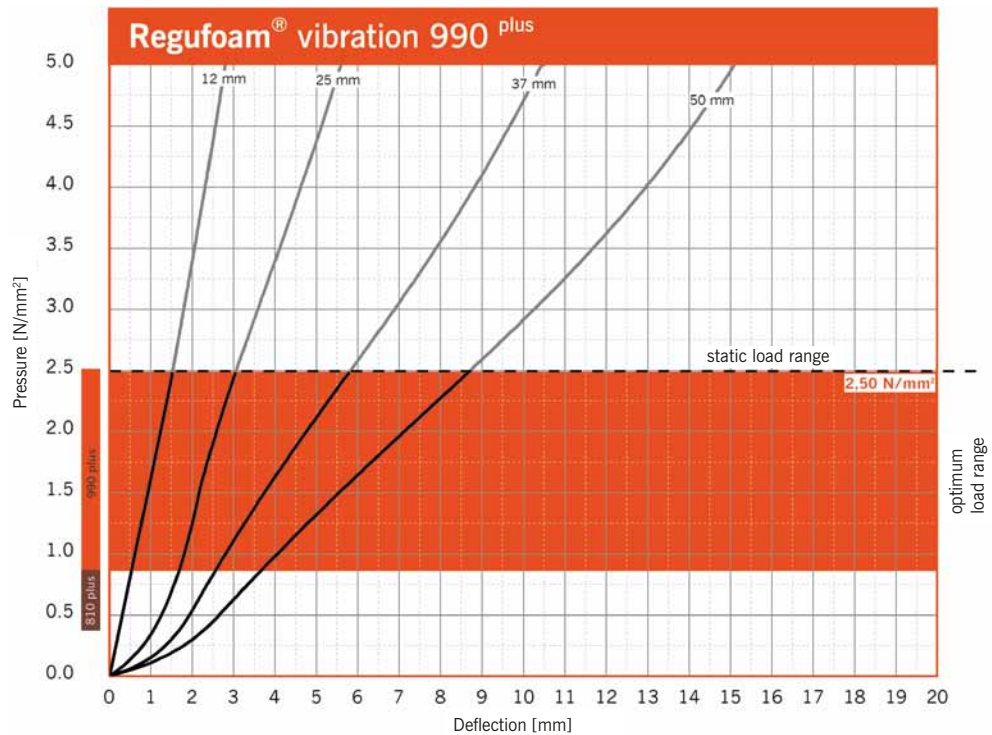
Tel: +372 56 66 29 93

e-mail: info@vibratec.ee

Load Ranges



Load Deflection



Examination of deflection in accordance to DIN EN 826 between two stiff panels. Illustration based on the third loading. Velocity of loading and unloading 20 seconds. Tested at room temperature. Dimensions of test specimens 125 mm x 125 mm.

Sweden
Tel: +46 176 20 78 80
e-mail: info@vibratec.se

Norway
Tel: +47 33 07 07 50
e-mail: info@vibratec.no

Denmark
Tel: +45 49 13 22 44
e-mail: info@vibratec.dk

Estonia
Tel: +372 56 66 29 93
e-mail: info@vibratec.ee



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Tel: +46 176 20 78 80
www.vibratec.se
info@vibratec.se

Norway
Tel: +47 33 07 07 50
www.vibratec.no
info@vibratec.no

Denmark
Tel: +45 49 13 22 44
www.vibratec.dk
info@vibratec.dk

Estonia
Tel: +372 56 66 29 93
www.vibratec.ee
info@vibratec.ee