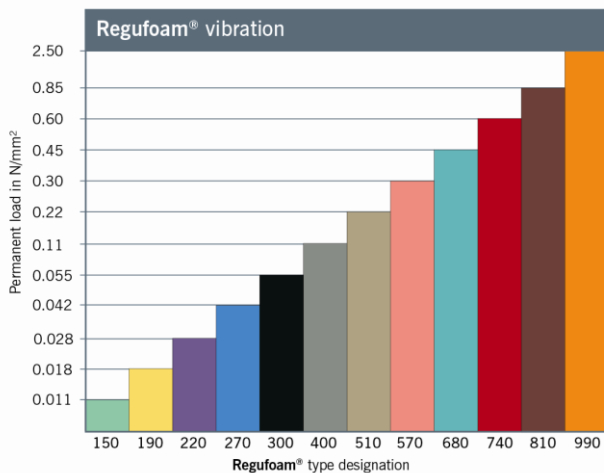




BENEFITS

- *Excellent acoustic properties*
- *Can be used as simple a/v mounts or for structural isolation.*
- *Can be used for very light loads, achieving high damping ratios and low natural frequencies.*
- *Capable of achieving a natural frequency as low as 7 Hz.*
- *Available in 12 different varieties with densities ranging from 150 kg/m³ up to and including 990 kg/m³. Selection is very much load dependent.*
- *Available in a variety of different thickness ranging from 6 mm and upwards.*
- *Low compression ratio, combined with excellent resilience.*
- *Individual from designs available upon request*
- *Supplied in Standard easy to handle W:40&50 mm, L: 1500 mm strips. Thickness 12 mm*
- *Long term life span*
- *%100 recyclable*



DESCRIPTION

Regufoam® is a high quality PUR foam specially developed and formulated to attenuate noise and vibrations from all sources ranging from general mechanical plant to marine vehicles and hi-tech railway systems.

APPLICATIONS

Industrial

Used for active isolation of machinery, such as lathes, presses, sensitive measuring equipment and all areas where noise is a general nuisance. Highly recommended to isolate inertia pits and foundation blocks.

Infrastructure

Railway, road and tunnel construction.

Civils

Can be used in the foundations of buildings to isolate the structure from ground-borne noise and vibrations.

General M&E Plant

Provides excellent acoustic properties when isolating general mechanical plant such as, pump and lift motors, air conditioning units etc.

Construction

Excellent impact resistance properties. Can be used to isolate timber battens, stair treads and general floating floors from impact sound.

Yachts & Marine Vehicles

Can be used to isolate around of engine rooms and other noise sources on yachts and marine vehicles. Additional use for all accommodation ground for floating floor. Due to its excellent acoustics and impact resistance properties, increases comfort of yachts.

TECHNICAL INFORMATION AND SERVICE

In addition to supply of this product Marinsu İzolasyon San. Ve Tic. Ltd. Şti. offers competitively- priced in the Turkey. Use of our service ensures that installation is performed to highest standards by tradesman fully experienced in the specialist skills of fitting acoustic materials correctly. For further details contact our technical team on + 90 216 395 07 18. See table for technical parameters.

Regufoam® Type	150 ^{plus} Green	190 ^{plus} Yellow	220 ^{plus} Purple	270 ^{plus} Blue	300 ^{plus} Black	400 ^{plus} Grey	510 ^{plus} Beige	570 ^{plus} Rose	680 ^{plus} Turquoise	740 ^{plus} Red	810 ^{plus} Brown	990 ^{plus} Orange
Renk (Colour)												
Yoğunluk (kg/m ³) Density DIN 53420	150	190	220	270	300	400	510	570	680	740	810	990
Sıkıştırma Sertliği kPa Compression Hardness DIN EN ISO 3386-2	14	22	22	63	82	170	330	620	840	1050	1241	3640
Gerilme Dayanımı(N/mm ²) Tensile Strength DIN EN ISO 1978	0.31	0.4	0.5	0.9	1.2	1.5	2.4	2.9	3.6	4.0	4.6	6.9
Mekanik Kayıp Faktörü Mechanical Loss Factor DIN 53513	0.28	0.25	0.22	0.20	0.28	0.17	0.15	0.14	0.12	0.11	0.10	0.09
Durağan Elastisite Modülü (N/mm ²) Static Modulus of Elasticity EN 826	0.06 ↓ 0.16	0.10 ↓ 0.25	0.15 ↓ 0.35	0.25 ↓ 0.45	0.35 ↓ 0.58	0.6 ↓ 1.0	1.1 ↓ 1.7	2.6 ↓ 2.7	2.0 ↓ 2.9	4.3 ↓ 5.9	5.8 ↓ 7.2	20.0 ↓ 78.0
Hareketli Elastisite Modülü (N/mm ²) (Dynamic Modulus of Elasticity) DIN 53513	0.15 ↓ 0.38	0.25 ↓ 0.55	0.35 ↓ 0.75	0.60 ↓ 1.05	0.68 ↓ 1.25	1.2 ↓ 2.0	2.2 ↓ 3.7	5.1 ↓ 6.3	6.8 ↓ 10.0	7.9 ↓ 13.0	11.0 ↓ 16.5	41.0 ↓ 160
Kalıcı durağan yük oranı (N/mm ²) Permanent static load	0.011	0.018	0.028	0.042	0.055	0.11	0.22	0.30	0.45	0.60	0.85	2.5
Optimum Yükleme Oranı (N/mm ²) Optimum load range	0.004 ↓ 0.011	0.011 ↓ 0.018	0.018 ↓ 0.028	0.028 ↓ 0.042	0.042 ↓ 0.055	0.055 ↓ 0.11	0.11 ↓ 0.22	0.22 ↓ 0.30	0.30 ↓ 0.45	0.45 ↓ 0.60	0.60 ↓ 0.85	0.85 ↓ 2,50
Yangın Dayanımı (Fire Behaviour)	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E	B2,E