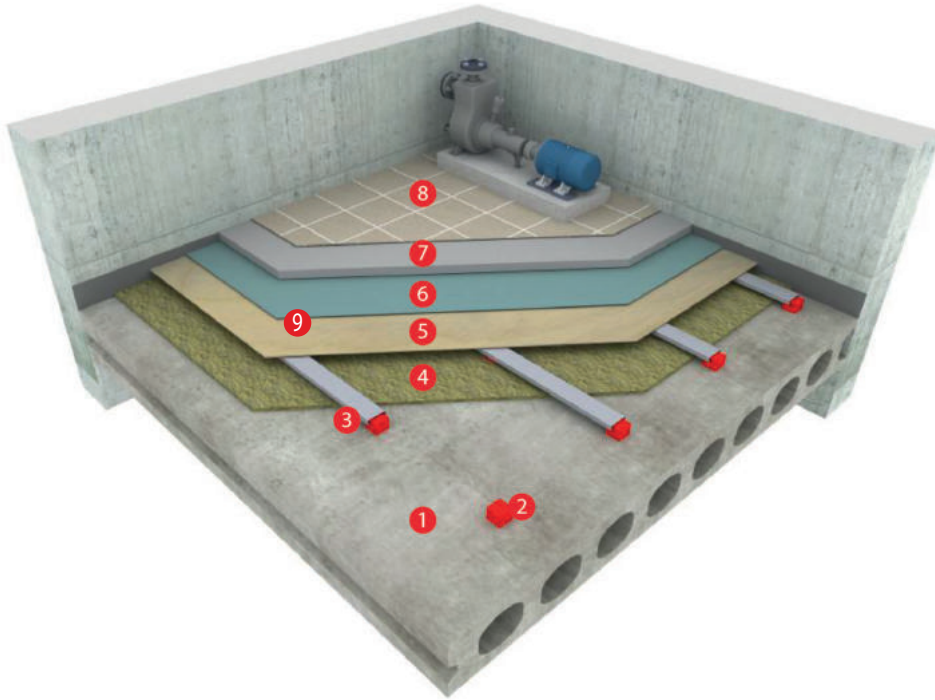


GETZNER SYLOMER BEARING

GETZNER SYLOMER TİTREŞİM SÖNÜMLEYİCİ BEARING serisi ürünleri, karışık hücreli poliüretan malzemesinden üretilmiş, titreşim izolasyonu sağlayan pedlerdir. GETZNER SYLOMER ürünleri, mekanik odalarda şap altında titreşim izolasyonu sağlamak için bearing şeklinde kullanılmaktadır. GETZNER SYLOMER, uluslararası testlerle kanıtlanmış taşıma kapasitesi, çökme miktarı ve doğal frekans grafiklerine sahiptir. Ürün standart olarak 12,5 mm, 25 mm ve 50 mm kalınlıkta üretilmektedir. Ürünlerin modeli ve ölçüleri, Getzner FreqCalc online yazılımdan hesaplanarak belirlenmektedir.

GETZNER SYLOMER VIBRATION ISOLATION BEARING series products are vibration isolation products which are made of mixed cell polyurethane elastomer. GETZNER SYLOMER can be used in mechanical rooms in order to eliminate vibration. GETZNER SYLOMER has a load capacity, deflection and natural frequency diagram that proven with international tests. Standard thicknesses of bearing are 12,5 mm, 25 mm and 50 mm. Getzner FreqCalc online software are used for determining model and dimensions of width and length according to project needs.



GETZNER SYLOMER BEARING

- 1- MEVCUT DÖŞEME / EXISTING FLOOR
- 2- **GETZNER SYLOMER BEARING**
- 3- GALVANİZ AKUSTİK PROFİL / GALVANIZED ACOUSTIC PROFILE
- 4- TAŞYÜNÜ / ROCKWOOL
- 5- PLYWOOD
- 6- PE FILM
- 7- DONATILI ŞAP / REINFORCED SCREED
- 8- BİTİŞ MALZEMESİ / FINISHING MATERIAL
- 9- BAF STRIP

Daha fazla bilgi ve numune talepleriniz için lütfen irtibata geçiniz.
For more details, please contact with us from contact informations below.

GETZNER SYLOMER BEARING

by getzner
sylomer®

Material

mixed-cell PU elastomer (polyurethane) with combined spring and dampening properties

Standard delivery dimension

Thickness: 12.5 mm / 25 mm

Roll: 1.5 m wide, 5.0 m long

Strip: up to 1.5 m wide, up to 5.0 m long

Other dimensions, punched and moulded parts on request.

Sylomer® Material type

SR 11

SR 18

SR 28

SR 42

SR 55

SR 110

SR 220

SR 450

SR 850

SR 1200

Material properties	Test methods	SR 11	SR 18	SR 28	SR 42	SR 55	SR 110	SR 220	SR 450	SR 850	SR 1200
Colour		yellow	orange	blue	pink	green	brown	red	grey	turquoise	winered
Static range of use ¹ in N/mm ²		0.011	0.018	0.028	0.042	0.055	0.110	0.220	0.450	0.850	1.200
Load peaks ¹ in N/mm ²		0.50	0.75	1.00	2.00	2.00	3.00	4.00	5.00	6.00	6.00
Mechanical loss factor	DIN 53513 ²	0.25	0.23	0.21	0.18	0.17	0.14	0.13	0.12	0.11	0.11
Rebound resilience in %	EN ISO 8307	40	40	45	55	55	55	55	60	60	60
Compression ³ set in %	EN ISO 1856 ²	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Static modulus of elasticity ¹ in N/mm ²		0.06	0.08	0.19	0.22	0.34	0.83	1.47	3.36	7.23	9.37
Dynamic modulus of elasticity ¹ in N/mm ²	DIN 53513 ²	0.20	0.29	0.42	0.60	0.75	1.52	2.58	5.42	11.08	15.62
Static shear modulus in N/mm ²	DIN ISO 1827 ²	0.04	0.06	0.07	0.09	0.11	0.22	0.38	0.58	0.84	0.94
Dynamic shear modulus in N/mm ²	DIN ISO 1827 ²	0.10	0.12	0.14	0.17	0.20	0.34	0.57	0.82	1.15	1.28
Min. tensile stress at rupture in N/mm ²	DIN EN ISO 527-3/5/500 ²	0.30	0.35	0.40	0.50	0.55	0.85	1.20	1.70	2.30	2.50
Min. tensile elongation at rupture in %	DIN EN ISO 527-3/5/500 ²	250	230	200	190	190	180	170	160	150	150
Abrasion ³ in mm ³	DIN ISO 4649	≤1,400	≤400	≤1,300	≤1,200	≤1,100	≤1,100	≤1,000	≤400	≤300	≤350
Coefficient of friction (steel)	Getzner Werkstoffe	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Coefficient of friction (concrete)	Getzner Werkstoffe	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Specific volume resistance in Ω·cm	DIN EN 62631-3-1 ²	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰	>10 ¹⁰
Thermal conductivity in W/mK	DIN EN 12667	0.045	0.050	0.050	0.055	0.060	0.075	0.090	0.110	0.130	0.140
Temperature range in °C		-30 to 70									
Temperature peak in °C	short term ⁴	120									
Flammability	EN ISO 11925-2	class E/EN 13501-1									

¹ Values apply to shape factor q=3

² Measurement/evaluation in accordance with the relevant standard

³ The measurement is performed on a density-dependent basis with differing test parameters

⁴ Application-specific

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