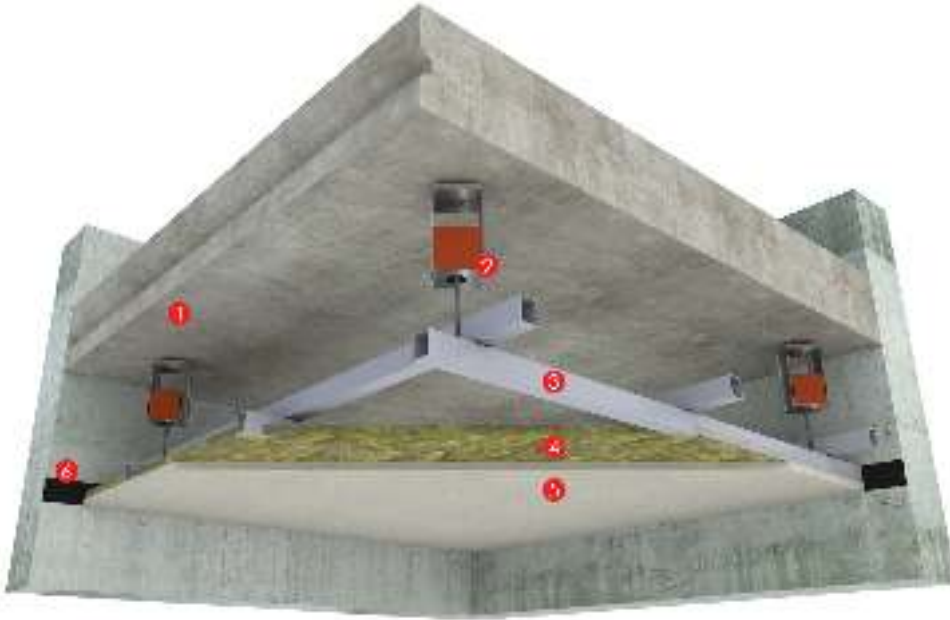


BAF ITT 02

BAF ITT 02 poliüretan esaslı GETZNER SYLOMER malzemesinden üretilmiş, giydirme tavan imalatlarında çelik konstrüksiyon ile diğer yapı elemanları arasındaki titreşim iletimini engellemek için kullanılan titreşim sönümleyici duvar elemanlarıdır.

BAF ITT 02 ITT 02 içerdiği poliüretan esaslı GETZNER SYLOMER malzeme nedeniyle yüksek performanslı bir üründür. Ürün standart olarak kutu profil ile birlikte kullanılmak için üretilmiştir.

BAF ITT 02 ürünü, tavanda 60x120 cm'de bir (m²'de yaklaşık 1,5 adet) kullanılması önerilmekle beraber, statik olarak uygun olduğu takdirde daha geniş aks aralıklarıyla da kullanılabilir. Giydirme tavan toplam ağırlığı verilmesi halinde, aks aralığı ve poliüretan modeli Getzner FreqCalc online yazılımdan hesaplanarak belirlenmektedir.



- 1- MEVCUT TAVAN/EXISTING CEILING
- 2- BAF ITT 02
- 3- KUTU PROFİL KONST./ HOLLOW SECTION CONST.
- 4- TAŞYÜNÜ / ROCKWOOL
- 5- ALÇI PLAKA / GYPSUM BOARD
- 6- BAF KAUKÇUK STRIP / RUBBER STRIP

BAF ITT 02 TAVAN)
BAF ITT 02 (CEILING)

BAF ITT 02 is vibration isolation hanger that made of GETZNER SYLOMER polyurethane material which is used to prevent vibration transmission from steel construction to other structural components

BAF ITT 02 is a high performance product thanks to GETZNER SYLOMER polyurethane material. The product is designed to use with hollow section profiles.

BAF ITT 02 is recommended to use with 60x120 cm distance (1,5 pieces per m²) on the ceiling but the distance between hangers can be increased if statically approved. Getzner FreqCalc online software are used for determining polyurethane model and distance between hangers if total weight of acoustical ceiling system is provided.

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

baf building acoustics & fire control

BAF ITT 02

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.

SR
11

SR
18

SR
28

SR
42

SR
55

SR
110

SR
220

SR
450

SR
850

SR
1200

Sylomer® Material type

Material properties	Test methods										
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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