

PAVIGYM ACOUSTIC



PAVIGYM BALANCE

OFFERS THE MAXIMUM COEFFICIENT OF VIBRATION DAMPING AND IMPACT SOUND ABSORPTION WITH A HIGH DURABILITY THAT GUARANTEES ITS CHARACTERISTICS FROM THE FIRST DAY.

PAVIGYM SILENT



IMPACT SOUND
ABSORPTION

PAVIGYM UNDERLAY



IMPACT SOUND
ABSORPTION

PAVIGYM + SILENT



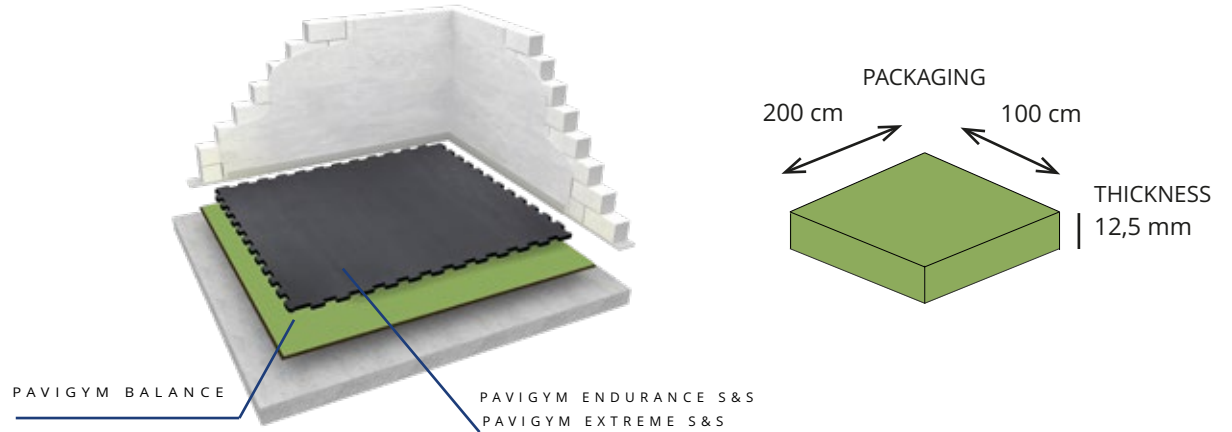
VIBRATION
REDUCTION



PAVIGYM BALANCE



MAJOR IMPACT + VIBRATION
REDUCTION



CHARACTERISTICS

PROPERTIES	VALUE	TEST METHOD	COMMENT
Mechanical loss factor ⁽¹⁾	0,18	DIN 53513 ⁽²⁾	guide value
Static E-modulus ⁽¹⁾	0,453 N/mm ²	DIN 53513 ⁽²⁾	
Dynamic E-modulus ⁽¹⁾	1,06 N/mm ²	DIN 53513 ⁽²⁾	
Static shear modulus ⁽¹⁾	0,17 N/mm ²	DIN 53513 ⁽²⁾	preload 0,065 N/mm ²
Dynamic shear modulus ⁽¹⁾	0,33 N/mm ²	DIN 53513 ⁽²⁾	preload 0,065 N/mm ² , 10 Hz
Resistance to strain	0,073 N/mm ²		at 10% deformation
Residual compression set	< 5 %	DIN EN ISO 1856	50%, 23 °C, 70 h, 30 min after unloading
Tensile strength	> 0,70 N/mm ²	DIN 53455-6-4	minimum
Elongation at break	> 400 %	DIN 53455-6-4	minimum
Tear resistance	> 1,3 N/mm	DIN ISO 34-1/A	
Rebound elasticity	50 %	DIN EN ISO 8307	± 10%
Specific volume resistance	> 10 ¹¹ Ω·cm	DIN IEC 93	dry
Thermal conductivity	0,07 W/[m·K]	DIN 52612-1	
Operating temperature	30 to +70 °C		
Temperature peak	+120 °C		
Inflammability	Class E / EN 13501-1	EN ISO 11925-1	normal flammable

(1) measured at maximum limit of static application range

(2) test according to DIN 53513