

Stravigym SP^{*}

Datasheet



Stravigym SP is our “Standard Performance” gym system. It is a continuous support floating floor that provides great performances in the reduction of low-impact sound while offering a high level of comfort for any type of training.

Stravigym SP is a low-profile solution, ideally suited for areas with restricted additional floor build-up.

It's compatible with most conventional floor coverings and so selection of the final flooring can be made independent on the acoustic solution.



CHARACTERISTICS

- A variety of load distribution components can be used, such as plywood or OSB board
- Two impact absorption layers are available: Stravigym GympactLayer-20** & Stravigym GympactLayer-45*** (the selection is made depending on the type of gym activities)
- The floor covering is not included in standard Stravigym solutions but a Stravigym GympactFloor products are available upon request
- Stravigym systems are compatible with almost all types of gym floor covering (please check with CDM Stravitec & floor manufacturer prior to installation)
- Stravigym SP is a lightweight floating floor options with reduced/minimal overall thickness (low additional height and weight)
- Stravigym SP is quick and easy installation
- If required, Stravigym SP can easily be dismantled and reinstalled

*Previously known as CDM-GYM-SP
**Previously known as GYMPACT20
***Previously known as GYMPACT45



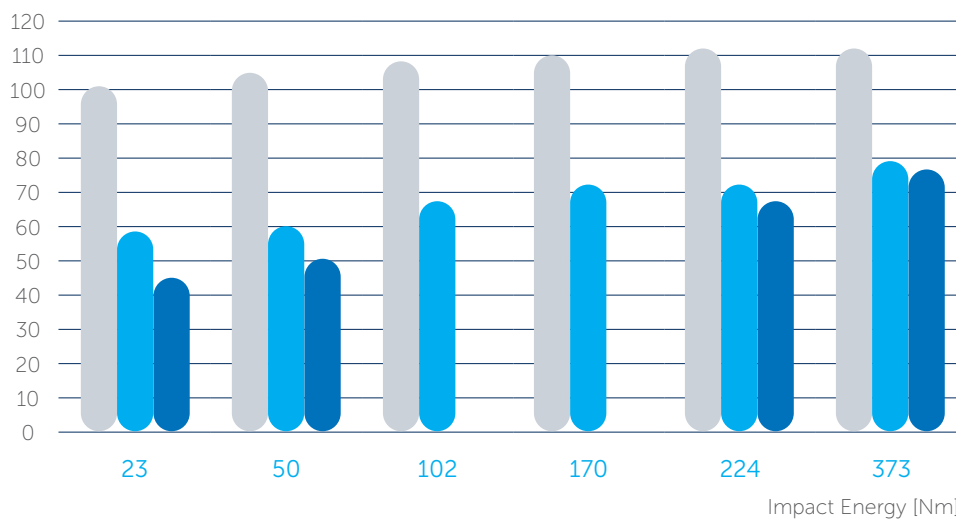
Drop-Weight Tests

Test Report Riverbank AN17-010* and AN19-005* - Test Setups

- 9.5 mm Stravigym GympactFloor-R
- Stravigym GympactLayer-20 or Stravigym GympactLayer-45
- Plywood 19 mm
- Damping Layer
- Plywood 19 mm
- Stravigym Mat-W_x
- Concrete slab 200 mm

Overall Noise Level

$L_{A,E,MAX}$ [dBA ref 20 μ Pa]



- Bare Slab (200 mm)
- Stravigym SP with GympactLayer-20
- Stravigym SP with GympactLayer-45

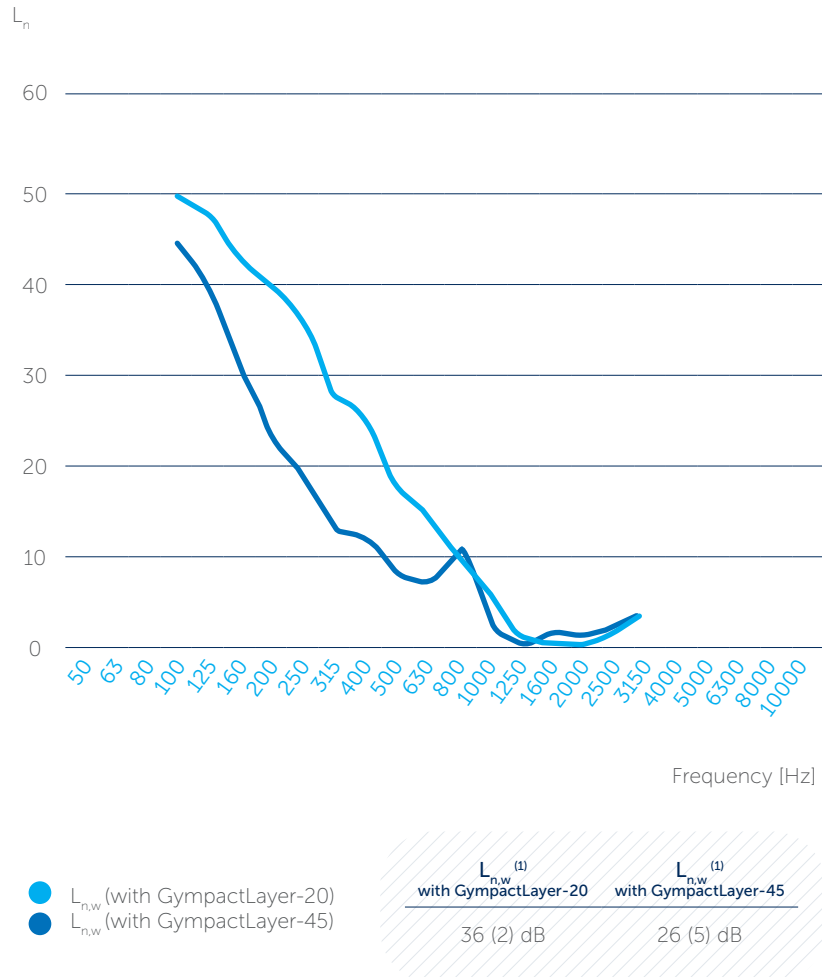
*Test report available upon request

Standard Test Method for Laboratory Measurement of Impact Sound Transmission

Test Report Riverbank IN17-40* and IN19-034* - Test Setups

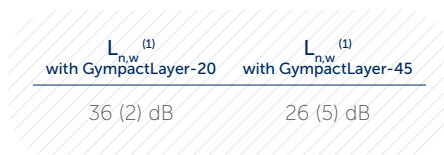
Note: the test setups are the same as used for the drop-weight test..

Acoustical Isolation



Frequency [Hz]

- $L_{n,w}$ (with GympactLayer-20)
- $L_{n,w}$ (with GympactLayer-45)



⁽¹⁾Calculated according to ISO 717-2, based on ASTM measurement

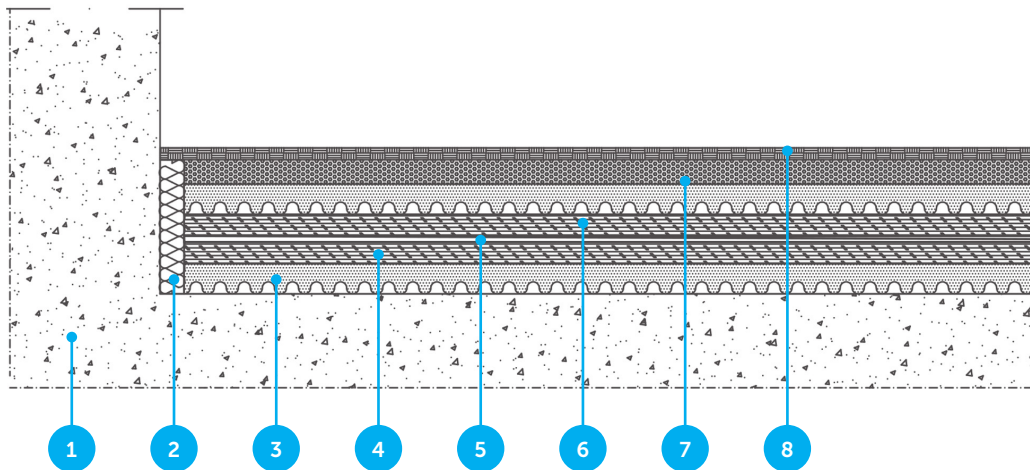
*Test report available upon request



TYPICAL ASSEMBLY

Stravigym SP

1. Structural slab
2. Perimeter Strip
3. Stravigym Mat-W_x
4. Plywood load distribution layer 1 (or other suitable load distribution layer)
5. Damping Layer
6. Plywood load distribution layer 2 (or other suitable load distribution layer)
7. GympactLayer**
8. Floor covering (a StravigymFloor solution or by others)



Note: additional information about installation is available upon request. .

**All Stravigym standard systems can be combined with different Stravigym GympactLayer
The right selection of Stravigym GympactLayer allows choosing the best solution for the different gym activities

DISCLAIMER

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