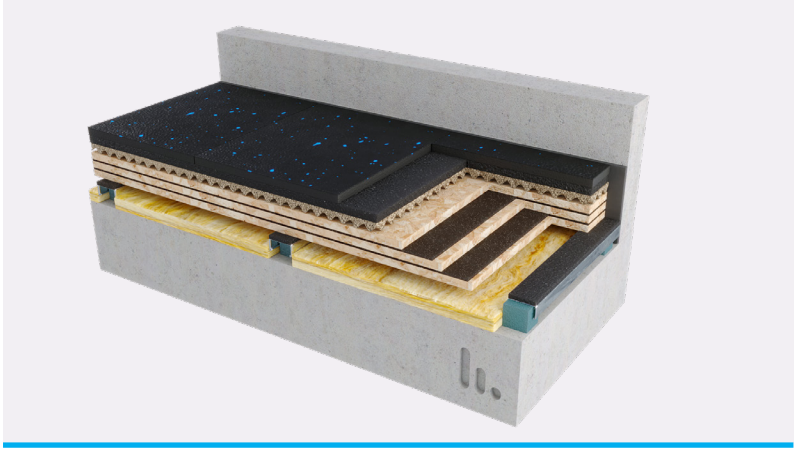


stravigym
by CDM Stravitec

Stravigym XP*
Datasheet

Stravigym XP with Stravigym GympactLayer-45** is designed as an "Extreme Performance" discrete isolator floating floor system specifically intended for use in free-weight areas. The system offers superior structural resistance and acoustical performance and can withstand and absorb the energy from very high impacts.

Stravigym XP is engineered to reduce noise, dampen vibration and minimize bounce thereby reducing the risk of injuries and it is suitable for commercial gyms (impact energy from 200 to 1000 N.m).

CHARACTERISTICS

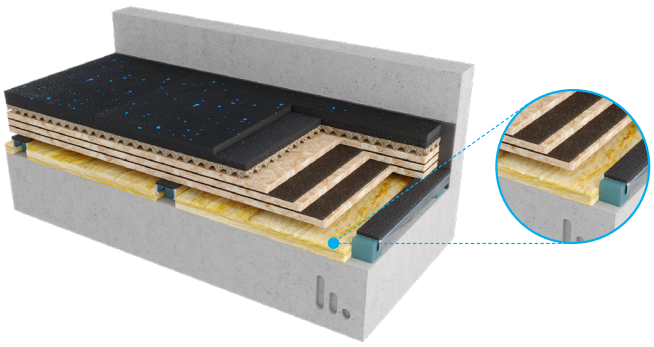
- Standard isolated channel system height is 56 mm
- Standard dBooster® channel system height is 60 mm
- Stravigym XP system is available with isolated channel or dBooster® channel
- A variety of load distribution components can be used, such as plywood or OSB board
- Simple isolated channel and dBooster® channel steel components are electro-galvanized
- Simple isolated channel and dBooster® channel are available with either springs or elastomeric pads in two standard grades: Channel-M (medium stiffness) and Channel-H (high stiffness)
- Floor covering is not included in standard Stravigym floor systems but 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 XP is a lightweight floating floor options with reduced/minimal overall thickness (low additional height and weight)
- Stravigym XP is quick and easy installation
- If required, Stravigym floor systems can easily be dismantled and reinstalled

*Previously known as CDM-GYM-XP
**Previously known as GYMPACT45

REUTENBEEK 9-11, 3090 OVERIJSE, BELGIUM
T +32 2 687 79 07 / INFO@CDM-STRAVITEC.COM / WWW.CDM-STRAVITEC.COM

The Next Generation: dBooster® Technology

Our patented dBooster® technology decouples the load distribution layer from the resilient supports with minimal contact area. Tests show that isolation efficiency improves for all discrete Stravigym floor systems and that it makes the gym floor less dependent on the impact energy level applied to the system.



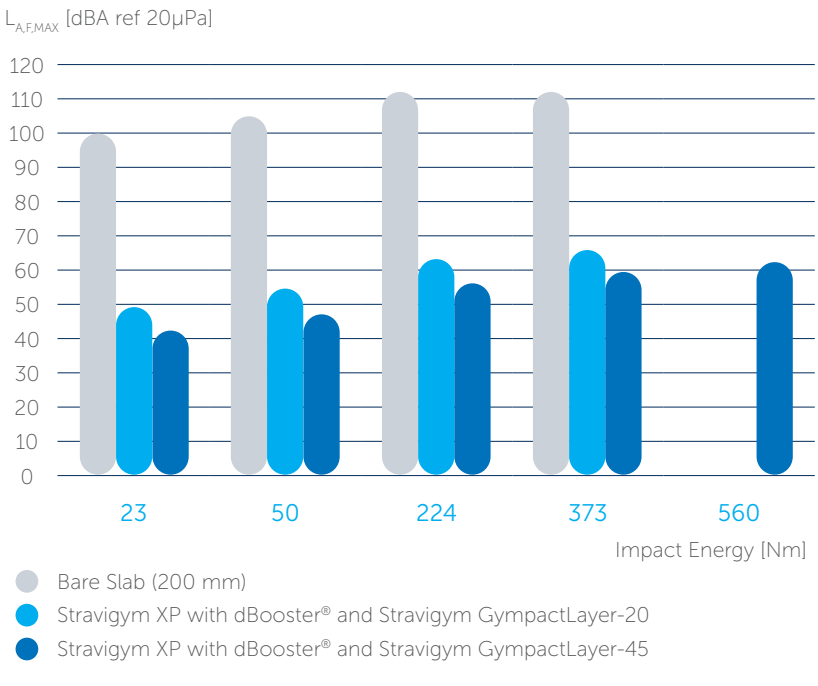
ACOUSTICAL RESULTS

Drop-Weight Tests

Test Report Riverbank AN17-006*, AN19-003* - Test Setups

- 9.5 mm Stravigym GympactFloor-R
- Stravigym GympactLayer-20** or Stravigym GympactLayer-45
- Plywood 19 mm
- Damping Layer
- Plywood 19 mm
- Damping Layer
- Plywood 19 mm
- dBooster® channel
- 38 mm mineral wool
- Concrete slab 200 mm

Overall Noise Level



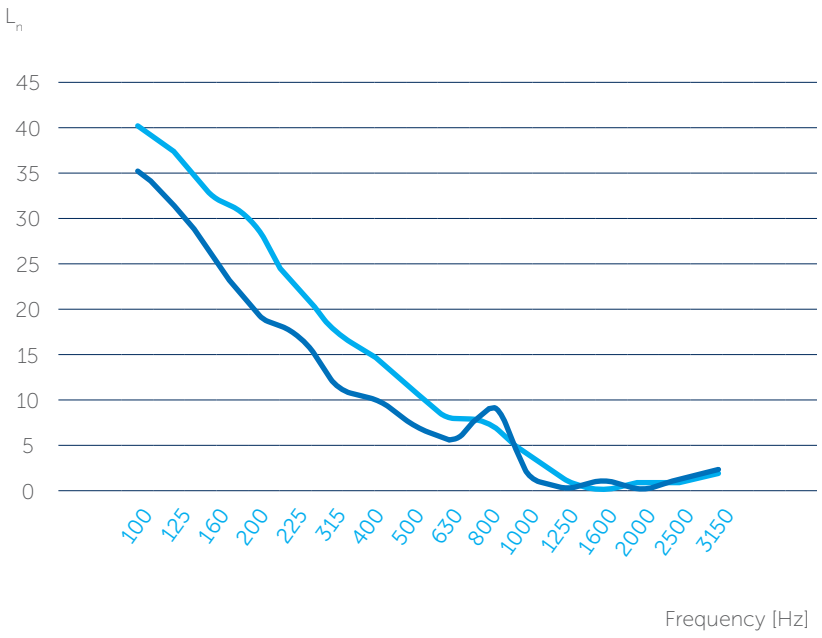
*Test report available upon request
**Previously known as GYMPACT20

Standard Test Method for Laboratory Measurement of Impact Sound Transmission

Test Report Riverbank IN17-35* and IN19-033* - Test Setups

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

Acoustical Isolation



$L_{n,w}$ (1) with GympactLayer-20	$L_{n,w}$ (1) with GympactLayer-45
25 (3) dB	19 (4) dB

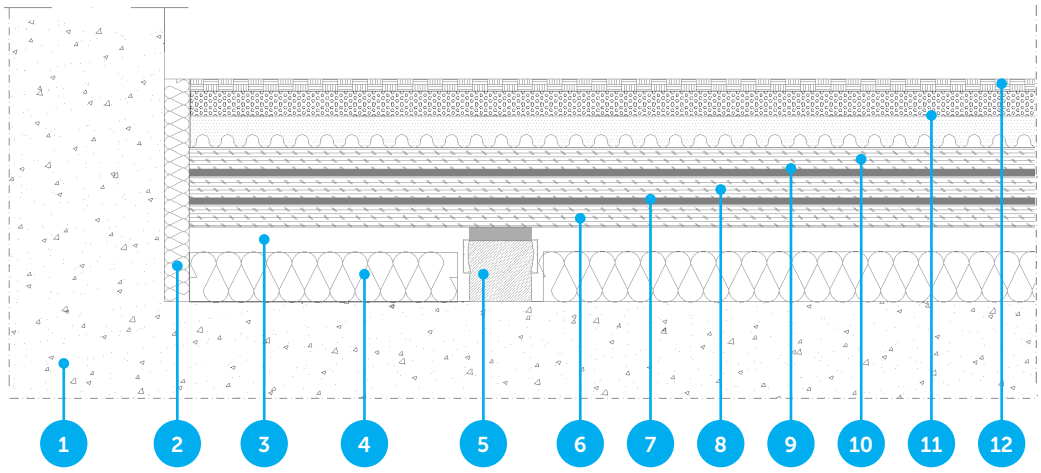
(1)Calculated according to ISO 717-2, based on ASTM measurement.

*Test report available upon request

TYPICAL ASSEMBLY

Stravigym XP

1. Structural slab
2. Perimeter Strip
3. Air void
4. Insulation material
5. Simple isolated channel or dBooster® channel
6. Plywood load distribution layer 1 (or other suitable load distribution layer)
7. Damping Layer (layer 1)
8. Plywood load distribution layer 2 (or other suitable load distribution layer)
9. Damping Layer (layer 2)
10. Plywood load distribution layer 3 (or other suitable load distribution layer)
11. Stravigym GympactLayer
12. Floor covering (a Stravigym GympactFloor solution or by others)



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

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

Other Stravigym XP assemblies available on our test data platform Stravi-dB.

SCAN ME

DISCLAIMER

This information is accurate to the best of our knowledge at the time of issue. Information, data and recommendations provided are based on industry accepted testing and prior product usage. It is intended as descriptive of the general capabilities and performance of our products and does not endorse applicability for any particular project. We reserve the right to change products, performance, and data without notice. This document replaces all information supplied prior to the publication hereof. The renders and details present on this document are intended solely for illustration purposes only. The actual components of the final solution may undergo variations, intricately adjusted to the unique details of each project.

REUTENBEEK 9-11, 3090 OVERIJSE, BELGIUM
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