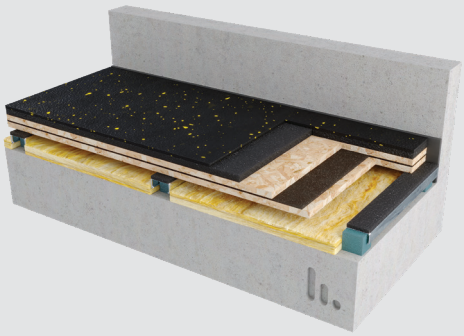
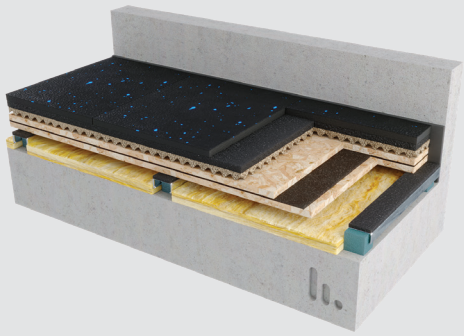
CDM-GYM-HP

FITNESS & GYM ISOLATED FLOOR SYSTEM



CDM-GYM-HP with dBooster® technology
& CDM-GYMPACT20



CDM-GYM-HP with dBooster® technology
& CDM-GYMPACT45

CDM-GYM systems are lightweight high performance acoustic floating floors for gyms and fitness areas that can be designed to provide different system heights and meet the highest acoustic performance requirements.

To allow the selection of the best solution for the different gym activities, CDM-GYM standard solutions are combining different impact absorption, load distribution and resilient support layers.

CDM-GYM-HP is a "High Performance" discrete floating floor with an installation depth between 120 and 150 mm perfect for **cardio studios** (including treadmill areas) and **gym equipment/machine areas** (CDM-GYM-HP with dBooster® is recommended in case of possible weight dropping).

CHARACTERISTICS

- Standard CDM-LAT system height is 50 mm
- Standard CDM-dBooster® LAT system height is 60 mm
- CDM-GYM-HP system is available with CDM-LAT or CDM-dBooster® LAT
- A variety of load distribution components can be used, such as plywood or OSB board
- CDM-LAT and CDM-dBooster® LAT steel components are electro-galvanized
- CDM-LAT and CDM-dBooster® LAT are available in two standard grades:
  CDM-LAT-M (medium stiffness) and CDM-LAT-H (high stiffness)
- Two impact absorption layers are available: CDM-GYMPACT20 & CDM-GYMPACT45
  (the selection is made depending on the type of gym activities)
- Floor covering is not included in standard CDM-GYM solutions but a CDM Sports Floor range is available upon request
- CDM-GYM systems are compatible with almost all types of gym floor covering
  Please check with CDM & floor manufacturer prior to installation

CDM • Reutenbeek 9-11, 3090 Overijse, Belgium • T +32 2 687 79 07 • F +32 2 687 35 52 • general@cdm.eu • www.cdm.eu

CDM-GYM-HP

FITNESS & GYM ISOLATED FLOOR SYSTEM

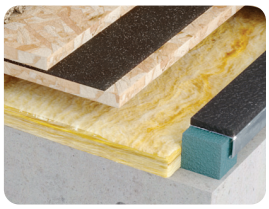
BENEFITS

- Engineered floating floor systems can be designed to accommodate different system depths
- Lightweight floating floor options with reduced/minimal overall thickness (low additional height and weight)
- Tested and proven high levels of isolation performance, particularly at low frequencies
- Quick and easy installation
- Long-lasting and maintenance free
- Cost effective high performance solution
- If required, CDM-GYM can easily be dismantled and reinstalled at another venue

NEXT GENERATION: CDM-dBooster®

A CDM-GYM with CDM-dBooster® is a free floating floor achieved by fixing a decoupling strip to the resilient support system.

CDM-dBooster® is an innovative and proven concept which improves the isolation efficiency of CDM-GYM solutions, mainly with high impact energy. It makes the gym floor system performance less dependent on the energy impact level.



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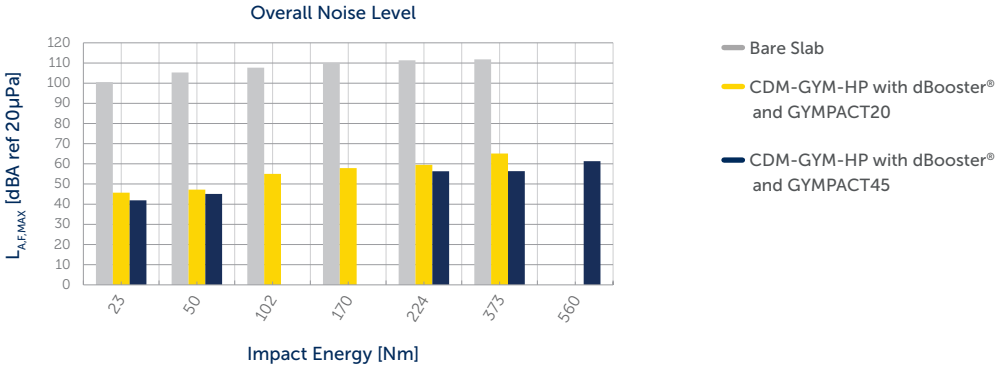
FITNESS & GYM ISOLATED FLOOR SYSTEM

ACOUSTICAL RESULTS: DROP-WEIGHT TESTS

Test Report Riverbank AN18-001* and AN19-002* - Test Setups

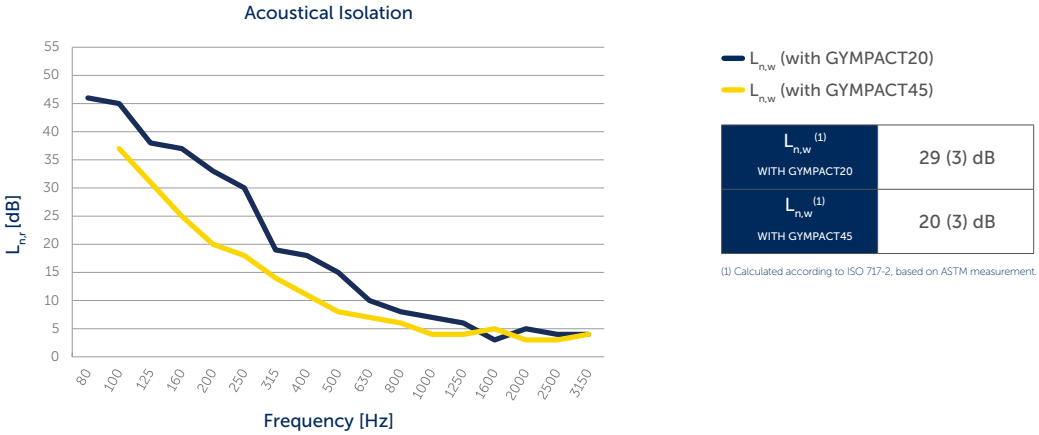
- 9,5 mm rubber sports floor
- CDM-GYMPACT20 or CDM-GYMPACT45
- Plywood 19 mm
- CDM-DAMP (1 layer)
- Plywood 19 mm
- CDM-dBooster® LAT
- 16 mm mineral wool
- Concrete slab 200 mm



ACOUSTICAL RESULTS

Test Report Riverbank IN18-007* and IN19-032* - Test Setups

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



$L_{n,w}$ (1) WITH GYMPACT20	29 (3) dB
$L_{n,w}$ (1) WITH GYMPACT45	20 (3) dB

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

*Test report available upon request.

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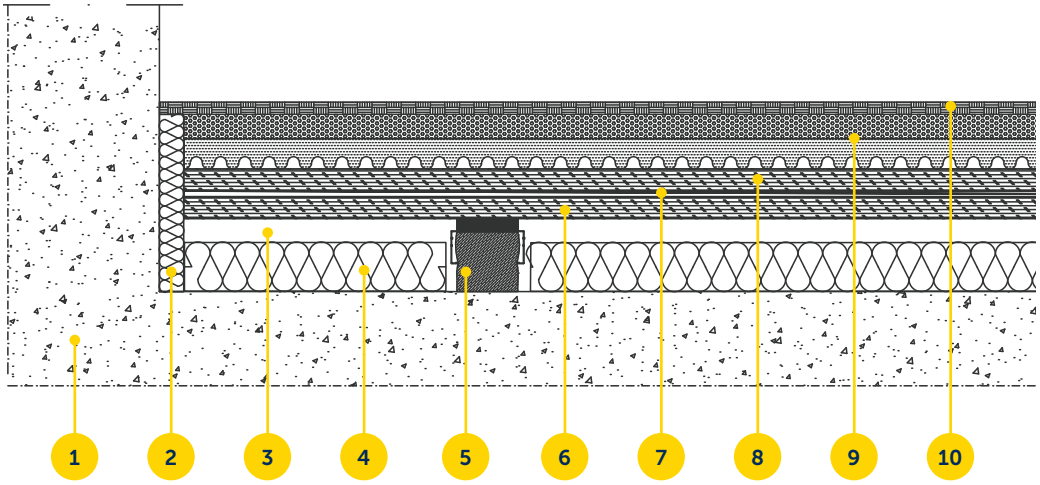
FITNESS & GYM ISOLATED FLOOR SYSTEM

TYPICAL ASSEMBLY

CDM-GYM-HP

1. Structural slab
2. CDM-PERIMETER
3. Air void
4. Insulation material
5. CDM-LAT or CDM-dBooster® LAT
6. Plywood load distribution layer 1 (or other suitable load distribution layer)
7. CDM-DAMP
8. Plywood load distribution layer 2 (or other suitable load distribution layer)
9. CDM-GYMPACT**
10. Floor covering



Note: additional information about installation is available upon request.

**All CDM-GYM standard solutions can be combined with different CDM-GYMPACT layers.
The right selection of CDM-GYMPACT allows choosing the best solution for the different gym activities.

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.

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