
TECHNICAL DATA SHEET

MCW Gym Impact Layer

SHOCK-ABSORBING RUBBER UNDERLAY FOR GYM FLOORING SYSTEMS



MCW Gym Impact Layer is a 10 mm rubber underlay designed to sit beneath MCW Gym Roll or MCW Gym Tile in free weights areas. It adds a resilient layer to the floor build-up, intended to cushion impacts from weight training and help protect the supporting floor.

Typical applications

MCW Gym Impact Layer provides an additional resilient rubber layer beneath MCW Gym Roll or MCW Gym Tile, designed to enhance impact cushioning in free weights and strength training areas. Its 10mm thickness adds protection beneath the finished surface while retaining your chosen gym flooring appearance.

Combine with the appropriate MCW floor finish to create a system suited to the equipment, weight loads and anticipated use. Overall performance depends on the selected floor build-up and supporting structure.

Key Benefits

- Designed for use beneath MCW Gym Roll and MCW Gym Tile
- Adds 10 mm of resilient rubber beneath the chosen gym floor finish.
- Suitable for incorporation into designated free weights and strength training areas.
- Supplied in plain black rolls covering 10 m² before cutting and wastage

Technical details

Property	Specification
Material and colour	Recycled Rubber crumb, plain black
Nominal thickness	10 mm
Nominal roll width	1,000 mm
Nominal roll length	10,000 mm
Nominal density	800 kg/m ³
Coverage per roll	10 m ²
Position in floor build-up	Beneath MCW Gym Roll or MCW Gym Tile



INSTALLATION GUIDE

MCW Gym Impact Layer

01 Check the materials and site

Confirm the correct tile quantity, thickness, colour, batch and connector quantity before work begins. Inspect all tiles and connectors for damage or visible defects before cutting or installing. The room should be enclosed, dry and at a stable working temperature.

02 Prepare the substrate

The base must be firm, dry, level, clean, load-bearing and free from cracks, loose material, oil, paint, old adhesive and other contamination. Repair uneven areas before installation. The finished result depends on the flatness and stability of the supporting floor. Unroll MCW Gym Impact Layer and allow it to relax overnight before cutting and fitting.

03 Laying the Impact Layer

Lay the Impact Layer at right angles to the direction of the upper floor finish. Butt adjoining edges tightly together without gaps or overlaps, and stagger joints from those in the finished flooring.

- **Beneath MCW Gym Tile:** Tiles can be loose laid directly over the Impact Layer. Fit tiles and connectors in accordance with the MCW Gym Tile installation instructions.
- **Beneath MCW Gym Roll:** We recommend fully bonding the Impact Layer to the subfloor, then fully bonding the Gym Roll to the Impact Layer using suitable, compatible adhesives.

Follow the adhesive manufacturer's instructions for application and curing. Allow bonded flooring to cure fully before installing equipment or bringing the area into use.