

# BiGDUG Rubber Heavy Duty Gym Tiles

## DESCRIPTION

The high impact recycled rubber fitness tiles are made and designed for Freeweight areas in gyms and crossfit centers. The standard rubber tile has a 2-layer system with on the bottom coarse granules and the 5mm top layer has fine granules. The 15 - 20 - 30mm tiles have a flat bottom, the 43mm tile has studs on the bottom. The 43mm tile has the best impact absorption and acoustic inculation.

## FORMAT

|                |                           |
|----------------|---------------------------|
| THICKNESSES    | 15mm - 20mm - 30mm - 43mm |
| WIDTH & LENGTH | 1.000x1.000mm             |

## MATERIAL

|             |   |
|-------------|---|
| PROPORTIES  | Tough elastic, high compression resistance and impact strength.         |
| COMPOSITION | Recycled SBR rubber granules from 70% Dutch truck tires, bonded with PU |

## SPECIFICATIONS

|                                |   |                         |
|--------------------------------|---|-------------------------|
| TOLERANCES                     | Length and width $\pm 1.5\%$ , thickness $\pm 2$ mm |                         |
| COLOURS                        | Black (other colours on request)                    |                         |
| SLIP RESISTANCE DRY CONDITIONS | <105PTV   | EN 13036-4:2004         |
| SLIP RESISTANCE WET CONDITIONS | <75PTV  | EN 13036-4:2004         |
| ABRASION RESISTANCE, MG        | <560  | EN ISO 5470-1:2001      |
| TENSILE STRENGHT, MPA          | >0,65   |                         |
| ELONGATION AT BREAK            | >40%  | EN 12230:2005           |
| HARDNESS                       | 55 up to 75 SHORE A                                 | ISO 868 PN-93 / C-04206 |
| DENSITY                        | 950 to 1.000kg/m3                                   | EN ISO 845:2010         |
| FIRE CLASSIFICATION            | EFL s1 (DFL & CFL Available)                        | NOT TESTED              |

## APPLICATIONS

|      |  |
|------|--|
| 15MM | Small/light dumbbell areas in gyms, protection of the subfloor and sound isolation |
| 20MM | Medium weight dumbbell areas, protection of the subfloor and sound isolation       |
| 30MM | Heavy weights areas, best protection of subfloor and good sound isolation          |
| 43MM | Heavy weights areas, good protection of the subfloor and the best sound isolation  |

## INSTALLATION

The elastic tiles are being produced under high temperature and will shrink after production. This means that there is always a dimension tolerance on length, width and thickness. Because of the different dimensions of the tiles we advise to install the tiles "Half brick wise" and not corner to corner. It is very important that the outer tiles are fixed between a wall or profile so you can put in all the tiles under compression. We advise to work with a small overlap of 1cm on every 5 tiles. After installing the complete room, you can squeeze these tiles and with this you make the small gaps dissolve.

## CLEANING

The standard fitness tiles are produced out of small rubber granules have a slightly open and porous surface. It is very important to vacuum the tiles on a daily base so dust and dirt doesn't attach to the surface. The tiles can also be cleaned with a wet mop. When you clean these tiles with a machine the tiles will be subject to wear much faster. When you do so It is very Important to use the right pads. Using the wrong pads will cause some excessive abrasion. Solvents & detergents; Do not use any solvents-based cleaners but use a neutral PH cleaner with warm water. When the

# BiGDUG Rubber Heavy Duty Gym Tiles

flooring has just been installed, we advise to use a degreaser to clean the floor the first few weeks. For any advice on which detergent to use contact a professional cleaning company or a detergent supplier.

When a tile is heavily damaged or shows some abrasion, it is easy to take them out and replace them with a new tile. We advise to take on tile from the first batch and place the new tile somewhere in a less visible place.

