
MODULER RUBBER TILE TECHNICAL DATA SHEET (UP-FLOOR)

Product Types:

- **40 x 40 Rubber Tile (2cm – 4cm High)**
- **50 x 50 Rubber Tile (2cm – 4cm High)**
- **100 x 100 Rubber Tile (2cm – 4cm High)**

According to the results of chemical analysis, 100% recycled 1,00 – 3,00 mm calibrated rubber granules are passed through sieves for cleaning works. In automatic mixers, it is mixed with polyurethane-based single component Binder and UV-resistant color pigments. It is produced after being poured into a container and molded for a certain period of time by applying certain heat treatment (150-180°C) and pressure (200 bar) according to the thickness of rubber presses.

In the production of molded rubber, it should not be less than 5% (+/-%5) polyurethane-based single component binder. In the production of rubber materials, iron oxide for red color, chrome oxide pigments for green color should be used.

Average weight of 1sqm rubber tile should be;

- 20 mm - 16,00-18,00 kg (+/- %5)
- 25 mm - 21,50-22,50 kg (+/- %5)
- 30 mm - 25,50-26,50 kg (+/- %5)
- 40 mm - 31,00-35,50 kg (+/- %5)

As the material to be laid on the ground is water permeable, channels should be located in 20 mm wide 2 mm depth in order to provide drainage at the bottom of the material.

On the upper surface of the rubber materials to get the surface water inside, should be given a slope to the edges.

According to reports indicating compliance with TSE norms showing that it is not inconvenient in the use of rubber floor coating materials, norms should be;

Combustion Value : 76 / 769 / EEC

Degradation : 0,040-0,047 µm

Drag Force : 60-70 N / cm²

Related product must comply with TS en 1176 – 1177, ISO 14001:2004 ,ISO 9001:2008, OHSAS 18001:2007 product norms.

Combustion test reports din 4102 / 11998 – 05 There should be university reports indicating that they are in compliance with their standards.

Rubber floor coating materials degradation TS 659 a positive test reports should be available.

Rubber floor coating materials drag force test reports should be available according to BS EN ISO 527-4 standards.

Note: The thickness of rubber material for child playgrounds should be minimum 2,5 cm.