

Stilmat Outdoor Tennis

Technical data of:

TENNIS OUTDOOR STILMAT TILE

| | | |
|------------------------------------|--|------------|
| | Polypropylene sports floor Stilmat to be used for multisport use, use in industrial area, on boats and in ports or residential space | |
| Material | Environmentally friendly UV stabilized polypropylene with mineral filling substance | |
| Dimensions | 335 x 335 mm | |
| Thickness | 13 mm | |
| Thickness of the upper wall | 3 mm | |
| Weight of tile | 412 g | |
| Surface load at temperature +19 °C | Surface: | Max. load: |
| | 1 cm ² | 100 kg |
| | 1 dm ² | 1 000 kg |
| | 1 m ² | 3 500 kg |
| Weight of 1000 m ² | | 3 708 kg |

| | | | Unit | Rate |
|--|-----------|--------------------|-----------|------------------------------|
| Anti-slip resistance values on dry and wet conditions | | | % | 95 dry cond. 90 wet cond. |
| Water absorption | EN 12 616 | min. 150 mm / hour | mm / hour | 4 500 |
| Shock absorption | EN 14 808 | | % | 49 |
| Deformation D | | | mm | 1 |
| Flexural strength | | | Mpa | 1 340 |
| Coefficient of linear expansion | | | % per 1°C | 0,008 |
| Relative height of bounce of basket ball | | | % | 97 |
| Relative height of bounce of tennis ball | | | % | 99 |
| Anti-slip resistance -values on dry and wet conditions | | | % | 95 dry cond. 90 wet cond. |
| Water absorption | EN 12 616 | min. 150 mm / hour | mm / hour | 4 500 |

Expansion: 0,008 % per 1°C:

Formula for the size of the expansion: (0,00008 x length of the floor) x (number of increased degrees)

Formula for the length of floor after the expansion: Initial length + Length of the expansion