



Taraflex® Sport Performance Plus

| | | Standard | Requirement | Unit | Result | Tolerance |
|---------------------------------------|-----|---------------|-------------|-------------------|--------------------------|------------|
| DESCRIPTION | | | | | | |
| Surface treatment | - | - | - | - | Triple Action ProtecSol® | |
| Surface complex | - | - | - | - | D-Max™ | |
| Foam backing | - | - | - | - | Double density CXP™ | |
| Anti-bacterial & Fungicidal treatment | | | - | - | Sanosol® | |
| Thickness | - | EN 428 | - | mm | 9 | ± 0.35 |
| | - | - | - | inch | 0.35'' | ± 0.012 |
| Weight | - | EN 430 | - | kg/m ² | 5.40 | ± 0.35 |
| | - | - | - | lbs/sq ft | 1.10 | ± 0.06 |
| Length | - | EN 426 | - | lm | 22 MAX | -0 / +0.20 |
| | - | - | - | linear ft | 72'2'' MAX | -0 / +0.06 |
| Width | - | EN 426 | - | lm | 1.5 | -0 / +0.01 |
| | - | - | - | linear ft | 4'11'' | -0 / +0.03 |
| SPORT PROPERTIES | | | | | | |
| Shock absorption | CEN | EN 14808 | ≥ 25 | % | 38 | ±3 |
| | DIN | DIN 18032 | > 50 | % | 41 | ±3 |
| Vertical deformation | CEN | EN 14809 | ≤ 3.5 | mm | ≤3.5 | |
| | DIN | DIN 18032 | ≤ 3.5 | mm | ≤3.5 | |
| Energy return | Fr. | NF P 90 203 | ≥ 0.31 | m/s | ≥0.31 | |
| Sliding coefficient | CEN | EN 13036-4 | 80-110 | - | 80-110 | |
| | DIN | DIN 18032 | 0.4-0.6 | - | 0.4-0.6 | |
| Ball bounce | CEN | EN 12235 | ≥ 90 | % | 96 | ±1 |
| | DIN | DIN 18032 | ≥ 90 | % | 98 | ±1 |
| TECHNICAL CHARACTERISTICS | | | | | | |
| Indentation resistance | CEN | EN 1516 | ≤ 0.5 | mm | ≤0.50 | |
| Static load limit | USA | ASTM F 970 | ≤ 0.005 | inch | ≤0.005'' | |
| Abrasion resistance | CEN | EN ISO 5470-1 | ≤ 1000 | mg | ≤350 | |
| Impact resistance | CEN | EN 1517 | ≥ 8 | N.m | ≥8 | |
| Rolling load resistance | CEN | EN 1569 | ≥ 1500 | N | ≥1500 | |
| | DIN | DIN 18032 | ≥ 1000 | N | ≥1000 | |
| Brightness | CEN | ISO 2813 | ≤ 30 | % | ≤30 | |
| Sound Insulation | CEN | EN ISO 717-2 | - | dB | 20 | |
| CLASSIFICATION | | | | | | |
| Fire | USA | ASTM E 648 | - | | | |
| Chemical resistance | USA | ASTM D 543 | - | - | OK | |