

TECHNICAL SPECIFICATION
MOTIVVA SPORTS + MULTIPURPOSE FLOORING



Motivva Sports and Multipurpose Flooring is a performance fiberglass-reinforced heterogeneous commercial cushioned floor with easy care antimicrobial urethane finish. The construction is free from phthalate plasticizers, and does not require wax, stripping or toxic chemicals for routine maintenance.



| | 8MM COMPETITION | 6.5MM VERSA | 4.5MM MULTI | 2MM STRONGSIDE |
|--|---------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| Roll Length | 5'10" x 42'7.8" (1.8m x 13m) | 5'10" x 49' 2.5" (1.8m x 15m) | 5'10" x 65' 7.44" (1.8m x 20m) | 5'10" x 65' 7.44" (1.8m x 20m) |
| Overall Surface Area | 251.91 sf or 27.99 sy (23.4sm) | 290.61 sf or 32.29 sy (27sm) | 387.54 sf or 43.06 sy (36sm) | 387.54 sf or 43.06 sy (36sm) |
| Total Thickness | 8.0mm | 6.5mm | 4.5mm | 2.0mm |
| Wear Layer | 1mm (40mil) | 1mm (40mil) | 0.5mm (20mil) | .5mm (20mil) |
| Warranty | 25 Year Commercial | 25 Year Commercial | 20 Year Commercial | 20 Year Commercial |
| ASTM 2772 ATHLETIC PERFORMANCE | | | | |
| Shock Absorption | 24.6%, Class 2 | 22.6%, Class 2 | 5.0% | NA |
| Vertical Deformation | 1.5mm, Class B | 1.4mm, Class B | 0.8mm, Class B | NA |
| Ball Rebound | 99.3%, Pass | 99.1%, Pass | 99.4%, Pass | 99.4%, Pass |
| Sliding Effect | 88 BVP, Pass | 84 BVP, Pass | 83 BVP, Pass | 83 BVP, Pass |
| ADDITIONAL ASTM TESTING | | | | |
| ASTM F970: Static Load Limit | 0.028" @ 175psi | 0.018" @ 175psi | 0.014" @ 175psi | < 0.005" @ 1100psi |
| ASTM 1303 Classification Type | Type 1, Grade 1, Class C | | | |
| ASTM F137 Flexibility | Pass, 6mm Mandrel | | | |
| ASTM F925 Resistance to Chemicals | Excellent | | | |
| ASTM F1514 Color Change Due to Heat | Pass | | | |
| ASTM F1515 Color Change Due to Light | Pass | | | |
| ASTM E648 Critical Radiant Flux (Flame Spread) | Meets or Exceeds Class 1 | | | |
| ASTM E662 Smoke Density | < 450 Maximum Density, Pass | | | |
| EN 1569 Behavior Under Rolling Load | No Damage | | | |
| EN 1517 Resistance to Impact | No Damage | | | |
| EN ISO 5470-1 Resistance to Wear Requirement, < 1.0g | 0.21g, Pass | 0.21g, Pass | 0.19g, Pass | 0.21g, Pass |

Installation: Apply with TAJ-1095 Premium Resilient Flooring Adhesive or TAJ-U100 High Moisture Capable Wet Set Adhesive

LEED: Low Emitting Adhesives IEQ4.1, Low Emitting Coatings IEQ4.2, Low Emitting Material

Manufacturing Plant Certifications: ISO 14001, ISO 9001

Trade Agreements Act (TAA) Compliant



Scan or [click here](#) to access technical information including full warranty, installation and maintenance guides, certifications and more.

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PRODUCT SKU GUIDE:

| | 8MM COMPETITION | 6.5MM VERSA | 4.5MM MULTI | 2MM STRONGSIDE |
|---------------------------|-----------------|-------------|-------------|----------------|
| Wood: Oak | TAJ-S40180 | TAJ-S40165 | TAJ-S40145 | TAJ-S40120 |
| Wood: Maple | TAJ-S20180 | TAJ-S20165 | TAJ-S20145 | TAJ-S20120 |
| Wood Stained: Maple, Red | TAJ-S20280 | TAJ-S20265 | TAJ-S20245 | TAJ-S20220 |
| Wood Stained: Maple, Blue | TAJ-S20380 | TAJ-S20365 | TAJ-S20345 | TAJ-S20320 |
| Solid: Orange | TAJ-S30680 | TAJ-S30665 | TAJ-S30645 | TAJ-S30620 |
| Solid: Red | TAJ-S30180 | TAJ-S30165 | TAJ-S30145 | TAJ-S30120 |
| Solid: Yellow | TAJ-S30480 | TAJ-S30465 | TAJ-S30445 | TAJ-S30420 |
| Solid: Dark Green | TAJ-S30580 | TAJ-S30565 | TAJ-S30545 | TAJ-S30520 |
| Solid: Dark Blue | TAJ-S30380 | TAJ-S30365 | TAJ-S30345 | TAJ-S30320 |
| Solid: Gray | TAJ-S30280 | TAJ-S30265 | TAJ-S30245 | TAJ-S30220 |



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