

Technical Data

I. Description

Realistic wood look with benefits of a synthetic multipurpose gym floor. The UV-cured PUR reinforced Tech Surface with embedded micronized aluminum oxide is not a finish, so it won't wear down. Low maintenance costs as it never needs sanding or refinishing. Suitable for Church/Assembly Hall, Health/Fitness Facility, Hotel/Resort, Sports/Recreational Facility Basketball Court, Gymnasium.

II. General Information

This product must be used for interior applications only and be installed by professional installers that have sufficient professional liability insurance coverage (aka Errors and Omissions Insurance) for the project. Matter Surfaces recommends installing and maintaining entrance matting at all outdoor entrances; this will improve air quality, reduce maintenance costs, and lengthen the life of your floors.

Proper glides must be used on all furniture that may slide directly across the floor. Heavy objects must not be moved directly across the floor; use protective boards.

Direct sunlight can cause UV damage (fading or bleaching) to most interior finishes, so Low E glass should be selected that will reduce the UV transmission to less than 1%. If not, applying 3M™ protection film (or similar) on the windows is recommended.

III. Technical Data

ASTM F1303	Meets requirements of standard
Weight by thickness	6.7mm (0.26"); ~0.74 lbs / ft ² 8.0mm (0.31"); ~0.87 lbs / ft ² 10.3mm (0.41"); ~1.07 lbs / ft ²
Roll dimensions	6.7mm 6'7" wide x 65' 7" long 8.0mm 6'7" wide x 49' 2" long 10.3mm 6'7" wide x 49' 2" long
Wear layer	6.7mm 0.9mm (35 mil) 8.0mm 1.2mm (47 mil) 10.3mm 1.2mm (47 mil)

FIBA Approved Equipment	Indoor/Fixed	Competition Level 2
Ball rebound	ASTM F2772 (ASTM F2117-10)	6.7mm ≥ 96%, pass 8.0mm ≥ 96%, pass 10.3mm ≥ 96%, pass
Force reduction	ASTM F2772 (ASTM F2569-11)	6.7mm – meets Class III 8.0mm – meets Class III 10.3mm – meets Class III
Burning characteristics	ASTM E648	Meets Class 1
Surface effect (sliding)	ASTM F2772 (ASTM E303-93)	6.7mm – Pass 8.0mm – Pass 10.3mm - Pass
Staining	Certain chemicals may cause staining of vinyl flooring. Traffic stains may be caused by asphalt and rubber products, such as rubber mats. Please conduct stain test prior to installation.	
Vertical deformation	ASTM F2772 (ASTM 2157-09)	meets requirements
Color & Light Stability	ASTM F1514 / F1515	meets requirements