

Adhesive Selection Chart

Rubber Flooring

Adhesive	For use with	Benefits and general use	Sub-Floor Moisture Limits	Rolling and Heavy Loads	Substrate Porosity	Recommended Trowel & Estimated Spread Rate*		Surface Moisture	Anti-Microbia
						2.5mm to 3.0mm	3.5mm & greater		
#10 Acrylic Latex	Sophros 2.5 & light use 6 & 9mm Sustain 2.5 & light use 6 & 9mm Flex 3.5 and light use 7 & 10mm	Economical & Easy to Use. Can be used for high traffic. Not for HD applications	85% RH 6lbs MVER	Periodic use of castered chairs, carts and other similar loads. Not for heavy point loads. Approved for use in healthcare applications where rolling beds and carts and present. 2-part urethane required for use in bariatric and other higher than normal load areas.	Porous & Non-porous	1/32" x 1/16" x 1/32" U Notch	1/16" x 1/16" x 1/16" Square Notch	Normal	Yes
	225-250 ft²/gal		125-150 ft²/gal						
#10 Acrylic adhesive is a general purpose, zero VOC product used for typical installations of Sustain 2.5mm and Flex 3.5mm products as well as light duty installation of Sustain 6.0mm and Flex 7.0mm. #10 is well suited for a wide variety of applications including offices, corridors, classrooms, break rooms and patient rooms. A 72-hour cure time is required prior to putting floor into use.									
#15 Two Part Urethane	Sophros 6 & 9mm moderate to heavy use 2.5mm heavy rolling and point loads Sustain 6 & 9mm moderate to heavy use 2.5mm heavy rolling and point loads Flex 7 & 10mm moderate to heavy use 3.5mm heavy rolling and point loads Techne All Thicknesses and uses	Superior bond for high point load and rolling loads. To be used only by installers experienced with use of 2 part adhesives.	90% RH 8lbs MVER	Regular use of heavy rolling loads, castered chairs and pallet jacks. Heavy point loads.	Porous & Non-porous	1/32" x 1/16" x 1/32" U Notch	1/16" x 1/16" x 1/16" Square Notch	Elevated: Entries, food service, locker rooms	Yes
	225-250 ft²/gal		125-150 ft²/gal						
#15 2-Part Urethane is a high strength adhesive intended for use with Sustain 6 & 9mm as well as Flex 7 & 10mm as well as Techne where heavy equipment, heavy rolling loads and high impact loads are common. #15 is typically used for sport and fitness applications. A 72-hour cure time is required prior to returning floor to normal use. Use for Techne only in heavy use applications.									
#20 Single Part Urethane	Techne All Thicknesses and uses	Excellent bonding for all uses.	85% RH 6lbs MVER	Regular use of heavy rolling loads, castered chairs and pallet jacks. Heavy point loads	Porous Only	1/16" x 1/16" x 1/16" Square Notch		Elevated: Entries, food service, locker rooms	Yes
	125-150 ft²/gal								
#20 Single-Part Urethane is a high strength adhesive intended for use with all Techne Rubber flooring. Use #15 for extreme use applications. Easier to use than 2-part urethane due to higher green grab and viscosity. A 72-hour cure time is required prior to returning floor to normal use.									

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						2.5mm to 3.0mm	3.5mm & greater		
#60 Spray	Sophros 2.5 & light use 6 & 9mm Sustain 2.5 & light use 6 & 9mm Flex 3.5 & light use 7 & 10mm	Mid-Range cost. Easy use and no cure time.	98% RH	Periodic use of castered chairs, carts and other similar loads.	Porous & Non-porous	NA		Normal	Yes
	Use on 2.5 Sustain and 3.5 Flex for typical applications. May be used with 6mm and greater thickness products where high impact loads are not present. Spray adhesive in individual canisters which requires only a short open time. Floor may enter regular service immediately after installation.								
#95 ZPS Peel & Stick	Sophros 2.5 & light use 6 & 9mm Sustain 2.5 & light use 6 & 9mm Flex 3.5 & light use 7 & 10mm	Simple process with minimal disruption. Immediate return to use.	95% RH	Periodic use of castered chairs, carts and other similar loads.	Porous & Non-porous	NA		Normal	Yes
	Allows installation and immediate return of floor to service. The fastest and least impactful method of installation for fast turn-around jobs. Popular for pharmacies and healthcare applications. Available on 2.5 Sustain and 3.5 Flex. May be used with 6mm and greater thickness products where high impact loads are not present. Application of sub-floor primer included with material is required.								
#100 ZPS Peel & Stick	Sophros 2.5 & light use 6 & 9mm Sustain 2.5 & light use 6 & 9mm Flex 3.5 & light use 7 & 10mm	Simple process with minimal disruption. Immediate return to use.	95% RH	Periodic use of castered chairs, carts and other similar loads.	Porous & Non-porous	NA		Normal	Yes
	Allows installation with no odor and immediate return of floor to service. The fastest and least impactful method of installation for fast turn-around jobs. Popular for pharmacies and healthcare applications. Available on 2.5 Sustain and 3.5 Flex. May be used with 6mm and greater thickness products where high impact loads are not present. Application of sub-floor primer included with material is required.								

IMPORTANT: Final adhesive selection cannot be made until sub-floor has been tested to verify moisture, pH and porosity are within guidelines. Adhesive must be selected based on intended use. Final determination of suitability and selection of correct adhesives is the responsibility of installation contractor based on actual site conditions. Zandur and its designated sales associates can accept no liability for use of incorrect adhesive.

*Adhesive Spread Rate is based on theoretical sub-floor conditions and trowel use. Actual rates will vary.

