

ADHESIVES QUICK CHECK CHART

SUBFLOOR TYPE										
	*Suspended Concrete	*On Grade Concrete	*Below Grade Concrete	Suspended Plywood	^^^Metal Floors	^^Radiant Heated Floors (Concrete)	^Existing Resilient Flooring	**Existing Ceramic or Terrazzo Floors	Wafer, Flake, Chip, Particle or Similar Board	Existing Softwood or Hardwood Floors
Mohawk Rubber Tiles <ul style="list-style-type: none"> ▪ Slate ▪ Hammered ▪ Infused ▪ Round ▪ Natural Slate 	AD-444 AD-529SF AD-530SF	AD-444 AD-529SF AD-530SF	AD-444 AD-529SF AD-530SF	AD-444 AD-530SF	AD-530SF	AD-444 AD-529SF AD-530SF	AD-530SF	AD-529SF AD-530SF	N/R	N/R
	<i>Note: PS-30 Adhesive for residential application only</i>									
Rolled Rubber <ul style="list-style-type: none"> ▪ Medi-Flex 	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-530SF	AD-444 AD-530SF	AD-530SF	AD-530SF	N/R	N/R
	<i>Note: For specific areas of application such as in healthcare e.g. underneath patients beds, OR's, ER's use AD-AD-530SF and consult your representative for details.</i>									
Sports Floor Tiles	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	AD-444 AD-530SF	N/R	N/R
Luxury Vinyl Tile	AD-530SF PS-30	AD-530SF PS-30	AD-530SF PS-30	AD-530SF PS-30	AD-530SF PS-30	AD-530SF PS-30	PS-30	AD-530SF PS-30	N/R	N/R
Ultimate Step	DS-100	DS-100	DS-100	DS-100	DS-100	DS-100	DS-100	DS-100	N/R	N/R
PVC-FREE: - StoneWalk	PS-30 AD-610	PS-30 AD-610	PS-30 AD-610	PS-30 AD-610	PS-30 AD-610	AD-610	PS-30	PS-30	N/R	N/R
	<i>If the PVC-FREE C flooring is to be installed over a porous surface in an area where heavy rolling loads are used such as: Pallet/Pump-Jacks, food conveyers and lift machinery or where ambient room temperatures will reach 32°C (90°F) AD-610 MUST be used.</i>									
ACCESSORIES	*Concrete Steps		Plywood Steps		Metal Steps		Existing Resilient Steps	**Existing Ceramic or Terrazzo Steps	Wafer, Flake, Chip & Particle Board Steps	#Existing Softwood or Hardwood Steps
Commercial Rubber Treads#, Risers	AD-444, AD-529SF, AD-530SF		AD-444, AD-529SF, AD-530SF		AD-530SF		N/R	AD-529SF AD-530SF	N/R	AD-529SF AD-530SF
Wall Base & Stringers	Use a good quality Solvent Free Wall Base Adhesive									

N/R – not recommended

* Ensure moisture tests have been conducted and moisture levels are acceptable according to manufacturer's recommendations and will not increase at a future date above recommended levels. For all grade installations (on, above or below), it is the flooring contractor's responsibility to ascertain that there is not too much moisture in the concrete and that the pH levels are correct. The Mohawk Group will not be responsible for hydrostatic pressure, which may occur in the future.

** It is require that the glaze, polished finish, waxes and sealers on the existing floor be removed prior to installation Consult Technical Services for specific details 1-800-479-0190.

^ Whereas these adhesives and products can be used over existing resilient flooring, The Mohawk Group will not honor any claims relating to bond failure. It is The Mohawk Group's recommendation that the existing resilient flooring be removed.

^^ Rubber is a natural insulator and in radiant heat flooring will effectively create a heat barrier.

^^^ Floor is not to have flex / movement in it. Consult Technical Services for specific details 1-800-479-0190.

All wax and polish residue must be removed prior to installation.

AD-33 Nosing Compound MUST be used on all treads and nosings.



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ADHESIVES – APPROXIMATE COVERAGE			
PS-30	Pressure Sensitive Adhesive	Up to 23.2 sq m / 3.79 liter unit	Up to 250 sq ft / U.S. gallon
DS-100	Pressure Sensitive Adhesive	Up to 23.2 sq m / 3.79 liter unit	Up to 250 sq ft / U.S. gallon
AD-33	Solvent Free Epoxy Stair Nosing Caulking	Up to 15.0 lin m / 6 mm bead	Up to 50 lin ft / ¼" bead
AD-444	Acrylic Adhesive	Up to 14.86 sq m / 3.79 liter unit	Up to 160 sq ft / U.S. gallon
AD-529SF	Solvent Free Epoxy Adhesive	Up to 18.6 sq m / 3.79 liter unit	Up to 200 sq ft / U.S. gallon
AD-530SF	Solvent Free Polyurethane Adhesive	Up to 18.6 sq m / 3.79 liter unit	Up to 200 sq ft / U.S. gallon
AD-610	Acrylic Adhesive	Up to 23.2 sq m / 3.79 liter unit	Up to 250 sq ft / U.S. gallon
Loctite 50 ml (1.7 fl oz) cartridge	Cold welding system for: Rolled Rubber	Up to 12.2 lin m / cartridge	Up to 40 lin ft / cartridge

RECOMMENDED MOISTURE & pH LEVELS FOR ADHESIVES ON ALL GRADES				
	ANHYDROUS CALCIUM CHLORIDE TEST ASTM F 1869	RELATIVE HUMIDITY TEST ASTM F 2170	pH TEST ASTM F 710 5.3.1	
ADHESIVES	Moisture Vapor Emission Must Not Exceed Stated amount below (kg / 100 sq m / 24 hours) Stated amount below (lbs / 1,000 sq ft / 24 hours)	Relative Humidity Must Not Exceed Stated amount below (% / 100 sq m / 24 hours) Stated amount below (% / 1,000 sq ft / 24 hours)	Test Procedure 5.3.1	PRODUCTS
PS-30	0 – 2.26 kg (0 - 5.0 lbs)	RH 75%	8 -10	Applies to Rubber Tiles, StoneWalk, Rolled Rubber, Sports Floor, Luxury Vinyl Tile, Ultimate Step, Commercial Rubber, Treads & Risers
DS-100	0 - 1.36 kg (0 - 3.0 lbs)	RH 75%	8 -10	
AD-33	0 - 1.36 kg (0 - 3.0 lbs)	RH 75%	8 -10	
AD-444	0 - 1.36 kg (0 - 3.0 lbs)	RH 75%	8 -10	
AD-529SF	0 – 2.26 kg (0 - 5.0 lbs)	RH 75%	8 -10	
AD-530SF	0 – 2.26 kg (0 - 5.0 lbs)	RH 75%	8 -10	
AD-610	0 – 2.26 kg (0 - 5.0 lbs)	RH 75%	8 -10	

IMPORTANT NOTICE: DO NOT USE CHEMICAL ADHESIVE REMOVAL PRODUCTS (CHEMICAL ABATEMENT PRODUCTS). THEIR USE WILL VOID THE MOHAWK GROUP'S ADHESIVE SYSTEM WARRANTY.

REFER TO THE "PREPARATION INSTRUCTIONS" AND "INSTALLATION INSTRUCTIONS" DOCUMENTS FOR SPECIFIC PREPARATION & INSTALLATION DETAILS.

Note: For all grade installations (on, above or below), it is the flooring contractor's responsibility to ascertain that there is not too much moisture in the concrete and the pH levels are correct before applying any flooring. The Mohawk Group will not be responsible for hydrostatic pressure that may occur in the future.

