



ADHESIVE QUICK CHECK CHART

TECHNICAL SUPPORT 800.345.6202

TYPE OF SUBFLOOR

PRODUCT	CONCRETE *(1) (All grades)	CONCRETE *(2)*(3) (Chemically Treated)	CONCRETE (Radiant Heated)	PLYWOOD (Construction grade)	EXISTING RESILIENT FLOORING *(4)	METAL, CERAMIC, TERRAZZO *(5)	PARTICLE BOARD *(6)
TILE & SHEET	AD-777 AD-535	Consult Remediation Systems document	AD-535	AD-777 AD-535	AD-535	AD-535	N/R

ACCESSORIES	CONCRETE STEPS	PLYWOOD STEPS	EXISTING RESILIENT STEPS	METAL, CERAMIC, TERRAZZO	PARTICLE BOARD
TREAD, RISERS & STRINGERS	AD-777, AD-535	AD-777, AD-535	N/R	AD-535	N/R

Teccare can be used on any subfloor type except water, flake, ship, particle or similar board. Floor imperfections must be corrected prior to installation. When more than one adhesive is recommended, refer to product installation instructions for selection due to site condition restraints. Moisture and pH tests must be conducted as per ASTM recommendation and must comply with specifications.

- *(1) Moisture membrane in good condition must be installed under on and below grade concrete slabs; Expanko Resilient Flooring is not responsible for hydrostatic pressure that may occur
- *(2) Concrete slabs with topical or add-in additives, such as, but not limited to, curing agents, surface hardener, sealers, coating must be remediated before installation
- *(3) Remediation systems document can be found on Expanko Resilient Flooring website
- *(4) Expanko Resilient Flooring recommends that existing flooring be removed. No claims relating to bond failure with be honored
- *(5) Glazing, finishes, waxes and sealers must be removed and surface roughened prior to installation
- *(6) Not recommended (NR) on subfloors such as, but not limited to, wafer, flake, chip, particle or similar boards: soft wood, plywood other than construction grade

ADHESIVE TROWEL SPECIFICATIONS

ADHESIVES		TROWEL SPECIFICATION	APPROXIMATE COVERAGE (Actual coverage depends on concrete porosity, trowel condition and site temperature)
AD-777	Acrylic PSA/Wet-Set Adhesive	1/32" d x 1/16" w x 1/32" spacing U-notched trowel	Up to 245 sq. ft. / U.S. gallon
AD-535	Solvent-Free Epoxy Adhesive	1/32" d x 1/16" w x 1/32" spacing U-notched trowel	Up to 200 sq. ft. / U.S. gallon
AD-33	Solvent-Free Epoxy Stair Nosing Caulking	For concrete, wood or metal	Up to 50 lin. ft./1/4" bead

ADHESIVE MOISTURE AND pH LEVEL SPECIFICATIONS ON ALL GRADES

ADHESIVES	ANHYDROUS CALCIUM CHLORIDE TEST ASTM F 1869 Moisture Vapor Emission Must Not Exceed: lbs / 1,000 sq. ft. / 24 hours	RELATIVE HUMIDITY TEST ASTM F 2170 Relative Humidity (RH) Must Not Exceed (%):	pH TEST ASTM F 710 5.3.1 Test Procedure 5.3.1
AD-777	0 - 5.0 lbs	85%	8 -10
AD-535	0 - 5.0 lbs	85%	8 -10
AD-33	0 - 3.0 lbs	N/A	8 -10

- Refer to the latest version of ASTM Specification for testing procedure.
- pH test and moisture tests must be performed within specification before installation
- Responsibility of FLOORING CONTRACTOR to ensure moisture and pH levels in concrete comply with specifications
- Three test frequency for first 1,000 sq ft. One test per additional 1,000 sq ft
- TECCARE: Moisture and pH tests must be performed when in contact with concrete based subfloor and meet "Installation Instructions"
- Refer to "Pre-Installation Instructions" and "Installation Instructions" documents for specific preparation and installation details
- Expanko Resilient Flooring will not be held responsible for hydrostatic pressure that may occur in the future
- Refer to "Remediation Systems Document" for high moisture or a chemical abatement situation
- **IMPORTANT NOTICE:** Do not use chemical adhesive removal products (chemical abatement products). Use will void Expanko Resilient Flooring's Adhesive System Warranty unless the proper remediation system is used prior to installation

USE OF ADHESIVES AND REMEDIATION MEMBRANES

In order to achieve the highest performance using Expanko Resilient Flooring products, extensive research was completed on the performance of the products prior to market availability

Extensive tests, including pilot floor testing, climate change exposition and heavy rolling load were completed to minimize any problematic situation that would result from adhesive recommendations.

We support our flooring products and the adhesives listed on our Quick Check Chart for the applications they are intended for.

All other adhesives and remediation membranes are the responsibility of the user.

We will not recognize any claim attributed to an adhesive failure if our recommendations are not followed either for the type of adhesive or the intended application.

For more information visit www.expanko.com or call 800.345.6202.