



S-515 Moisture-Resistant Adhesive for Armstrong™ VCT

Superior Performance For High-Moisture Applications



Recommended for use with the following products:

ARTEFFECTS®

EXCELON®

Stonetex®

Companion Square®

Feature™ Tile & Strips

Tile Insets

Standard EXCELON

Imperial® Texture

Rave™

Classics

MultiColor™

SAFETY ZONE®

- Increases the allowable subfloor moisture for installing Armstrong VCT.
- Backed by the Armstrong Guaranteed Installation System.
- Proven, trowel-on method provides clean, consistent adhesive application.
- The most affordable high-moisture adhesive system.
- Low VOCs comply with LEED®.

[Between us, ideas become reality.]®

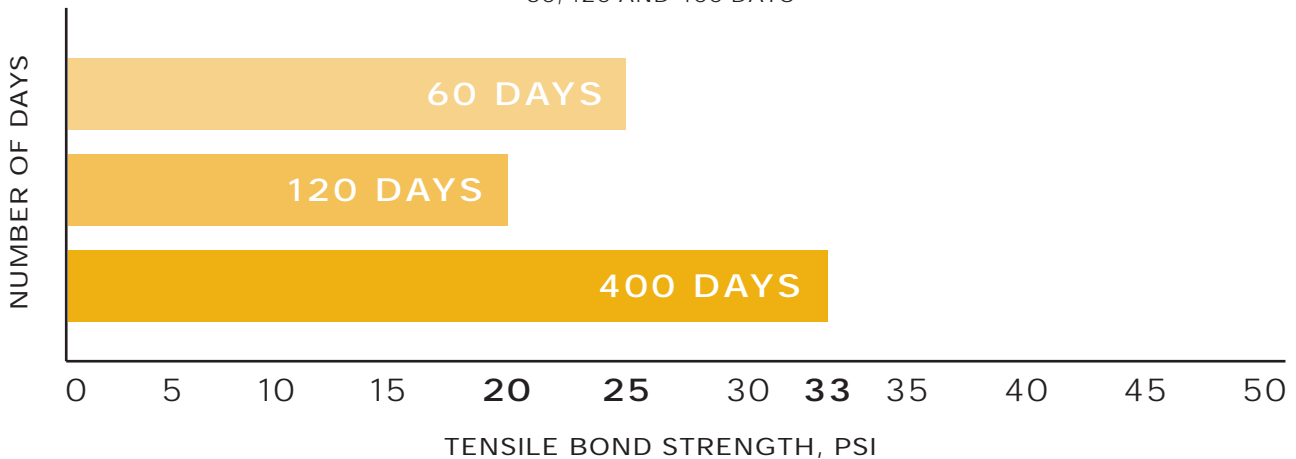
COMMERCIAL **FLOORING**



Increases the allowable subfloor moisture for installing Armstrong™ VCT products over concrete slabs.

- Now, a relative humidity reading of 90% as measured by an in-situ probe, and a pH level of up to 11, is allowed for installing Armstrong VCT products. The 90% RH level is a 20% increase above the industry standard as recommended by ASTM F 710, *Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring*.
- Tests conducted on Armstrong VCT installed with S-515 by an independent lab demonstrated consistent tensile bond strength when applied to high-moisture slabs.
- Moisture and bond test performance so effective, S-515 may eliminate the need for expensive moisture mitigation systems.

S-515 Bond Pull Test
60, 120 AND 400 DAYS



Backed by the Armstrong Guaranteed Installation System—the name customers know and trust for superior installation.

- A new, 5-year warranty covers S-515 installations of Armstrong™ Standard EXCELON® and EXCELON products: ARTEFFECTS®, Imperial® Texture, MultiColor™, Stonetex®, Companion Square®, Rave™, Classics, Feature™ Tile & Strips; plus SAFETY ZONE® slip-retardant tile on high-moisture slabs.
- The Armstrong Guaranteed Installation System details everything you need to know about Armstrong installation systems, adhesives, trowel notching, estimating and more.
- Floor installations that follow AGIS-recommended instructions, tools and materials are fully backed by Armstrong for your protection and for your customer's satisfaction.

Proven, trowel-on method provides clean, more consistent application.

- Standard trowel-on method covers subfloors more consistently than spray-on adhesives that may be applied thicker in some areas and thinner in others. A consistent adhesive application is desirable for predictable performance, including working time and bond strength.
- Troweling provides visual and tactile verification that subfloors are free from debris that could later telegraph through floor coverings after installation, avoiding potential installation claims.
- Adhesives applied via troweling trap any surface dust, creating a clean dust-free environment. By contrast, spray-on methods disperse dust into the air, where the particles can be redeposited onto other interior finishes.
- Trowel-on adhesive methods keep projects running smoothly and on-time.



S-515 moisture-resistant adhesive being spread with recommended fine-notch trowel.

S-515 is the most affordable high-moisture adhesive system.

- Saves up to 80% on adhesive material costs, or costs one to two cents per square foot instead of eight to ten cents per square foot, compared to spray-on systems.
- No additional or new training needed for installers reduces labor costs.
- No special equipment needed for application reduces capital expenses.
- Simple, trowel-on method means no time-consuming, costly equipment maintenance needed post-installation.
- Proven S-515 materials and labor facilitate predictable and accurate estimates, compared to spray-on adhesives that have variables including inconsistent coverage and equipment failure, plus costly clean-up.

Cost Comparison

	S-515 Moisture-Resistant Adhesive	Typical Spray-On Adhesive
Material cost per square foot	\$0.02	\$0.10
Cost savings per square foot	\$0.08	

Example Project Savings (Project size approx. 20,000 square feet)

	S-515 Moisture-Resistant Adhesive	Typical Spray-On Adhesive
Material cost per square foot	\$0.02	\$0.10
20,000 square feet	\$400.00	\$2,000.00
Cost savings per 20,000 square feet	\$1,600.00 (80% cost savings)	

Low VOC Emissions Complies With LEED® Credit EQ4.1.

S-515 complies with LEED NC and CI credits under section EQ4.1, in accordance with SCAQMD (South Coast Air Quality Management District) Rule #1168 for VOCs.

As a founding sponsor and active participant of the United States Green Building Council, a member of the Canada Green Building Council, and the developer and administrator for LEED in Canada, Armstrong recognizes the importance of sustainable design and the value associated with the Leadership in Energy and Environmental Design LEED rating system.





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