



# ARDEX AF 207™

## Pre-Mixed, Rapid Set Uncoupling Membrane Bonding Adhesive

Faster and easier installation of uncoupling membranes...install tile immediately!

For use with approved uncoupling membranes over structurally sound plywood, OSB, concrete and properly primed, above-grade gypsum underlayments\*

Immediate installation of tile once the uncoupling membrane is set into place

Ultimate convenience; premixed in a re-sealable container

Very cost-effective with outstanding coverage; Approximately 300 sq. ft. per 4 gal. unit

Aggressive initial grab

Exceptionally long tack time, install up to 40 minutes after placing

Water based and solvent free

Environmentally friendly antimicrobial with ultra-low VOCs and odor

Very easy to apply

For interior use only

### Trowels & Coverage

Recommended trowel size is a guideline only and is a minimum requirement.



**SystemOne™**

**GREENLINE**  
ENVIRONMENTAL TECHNOLOGY

ARDEX Engineered Cements  
400 Ardex Park Drive  
Aliquippa, PA 15001 USA  
Tel: 724-203-5000  
Toll Free: 888-512-7339  
Fax: 724-203-5001  
[www.ardexamericas.com](http://www.ardexamericas.com)

# ARDEX AF 207™

## Pre-Mixed, Rapid Set Uncoupling Membrane Bonding Adhesive

### Description

ARDEX AF 207™ is a pre-mixed, water-based, low-odor, solvent-free, high-performance adhesive that is especially suited for the installation of approved uncoupling membranes over interior plywood, OSB, concrete and properly-primed, above-grade gypsum underlayments prior to the installation of tile or stone. It has an excellent initial grab and an exceptionally long working time with very good early and long-term strength. Use of ARDEX AF 207 allows for the immediate installation of tile once the uncoupling membrane is set into place and comes in a re-sealable container for ultimate convenience.

### Bonds To

ARDEX AF 207 provides outstanding bond to suspended APA grade underlayment plywood (untreated), OSB and concrete on all grade levels and can be used over above-grade gypsum substrates that are dry and properly primed\*. For radiant-heated subfloors, temperatures should not exceed 85°F (29.4°C).

NOTE: For joist spacing and minimum subfloor thicknesses, please consult the uncoupling membrane manufacturer and TCNA or TTMAC guidelines.

### Preparation

Acclimate the installation area, adhesive and uncoupling membrane in an enclosed building at a minimum of 65°F (18°C) for at least 48 hours before, during and for 48 hours after installation. Turn off radiant heating systems at least 48 hours before installation and leave off for at least 48 hours after installation is complete.

Substrate must be sound, smooth and flat. Ensure that the substrate is solid and fixed securely to provide a rigid base free of undue flex. All loose plywood or OSB must be properly fastened, and all loose concrete or gypsum must be removed. Fill all cracks, holes and low spots with a polymer modified, cementitious patching or leveling compound, such as ARDEX TL PATCH® Tile Leveler, Underlayment Patch and Skimcoat. If leveling is required, use ARDEX Liquid BackerBoard® Self-Leveling Underlayment for interior wood and concrete subfloors, ARDEX TL 1000™ Self-Leveling Underlayment for concrete, terrazzo and ceramic tile subfloors or ARDEX TL WOOD™ Self-Leveling Underlayment for distressed gypsum subfloors.

Substrate must be clean, dry and free of excess moisture and alkali. Mechanically remove dirt, wax, grease, paints, oils, sealers, curing compounds and all foreign matter that would interfere with proper adhesion. Please note that, when removing existing flooring, any asbestos-containing materials should be handled and disposed of in accordance with applicable federal, state and local regulations. PLEASE NOTE: ARDEX AF 207 should not be used over concrete with excessive moisture. If moisture test results exceed 85% RH as determined by the relative humidity test method (ASTM F2170), the uncoupling membrane can be installed using ARDEX X 78, ARDEX FB 9 L, ARDEX X 77 or ARDEX X 5.

### Installation

Dry fit the uncoupling membrane prior to adhering to the subfloor. Stir any liquid found on the surface into the adhesive, and apply adhesive using the proper trowel. Evenly apply ARDEX AF 207 to the prepared substrate. The uncoupling membrane can be set immediately into the wet adhesive.

Do not apply the adhesive over a larger floor area than can be covered by the uncoupling membrane within 40 minutes. Please note that ARDEX AF 207 will develop some surface tack after 10-15 minutes, depending on jobsite conditions, and is suitable to receive an uncoupling membrane in that state. Do not allow a heavy film to form on the surface of the adhesive. If the adhesive dries or skins over completely, it must be scraped up, and fresh adhesive must be applied.

Press the uncoupling membrane firmly into place, abutting all edges. After installation, ensure proper coverage and transfer by rolling with a 35-75 lb. roller or pressing with the flat side of a trowel across width and length. The uncoupling membrane can receive tile immediately upon installation. ARDEX recommends installing tile over the uncoupling membrane using the following in accordance with the appropriate ARDEX technical data sheet:

- ARDEX X 77™ MICROTEC® Fiber Reinforced Tile and Stone Mortar
- ARDEX X 78™ MICROTEC® Fiber Reinforced Semi-Pourable Tile and Stone Mortar
- ARDEX X 5™ Tile and Stone Mortar
- ARDEX X 32™ MICROTEC® Fiber Reinforced, Rapid Set Thin-To-Thick Bed Mortar
- ARDEX N 23™ Rapid Set Natural Stone and Tile Mortar
- ARDEX X 7 R™ Rapid Set Flexible Tile and Stone Mortar
- ARDEX FB 9 L™ Pourable Shearflex® Tile and Stone

## Mortar

For grouting, use ARDEX FL™ Rapid Set, Flexible Sanded Grout, ARDEX FG-C™ Unsanded Wall and Floor Grout or ARDEX WA™ High-Performance, 100% Solids Epoxy Grout, as appropriate.

## Cleanup

Remove wet adhesive residue with a clean, white cloth dampened with soapy water. Use mineral spirits for dried adhesive residue. When using mineral spirits, carefully follow the recommendations of the manufacturer, and test a small area before proceeding to make sure it does not damage the surface being cleaned.

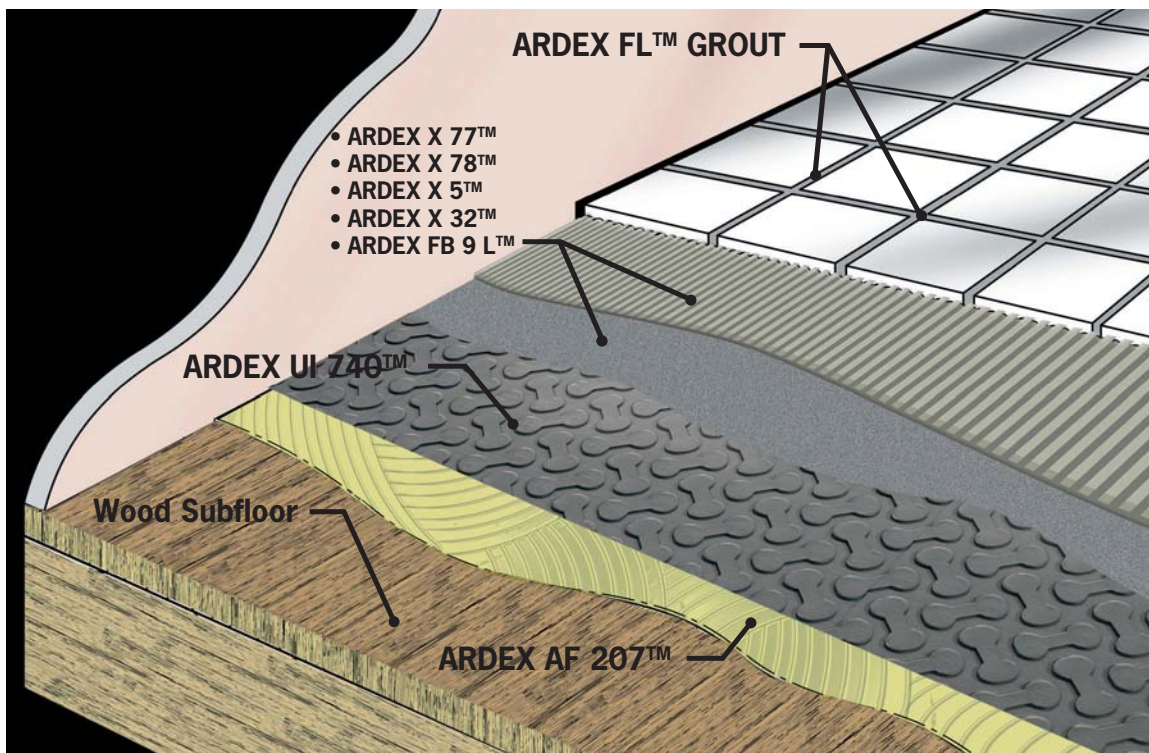
## Warranty

When ARDEX AF 207 is used as recommended herein to install other approved uncoupling membranes, the ARDEX Engineered Cements Standard Limited 10-Year Warranty applies. Also eligible for the ARDEX Americas SystemOne™ Warranty when used in conjunction with ARDEX UI 740™ FLEXBONE® Uncoupling Membrane as well as select ARDEX mortars and grouts. Failure to follow written directions will void the warranty. For complete warranty details, please visit [www.ardexamericas.com](http://www.ardexamericas.com).

Regarding warranty, ARDEX warrants for ten (10) years from the date of purchase that the ARDEX AF 207 (product) will not break down or lose its strength. Further, ARDEX warrants its modified mortars, being ARDEX X 77, ARDEX X 78, ARDEX X 5, ARDEX X 32, ARDEX N 23, ARDEX X 7 R and ARDEX FB 9 L meeting ANSI A118.4 and/or ANSI A118.11 to set tile or stone over an uncoupling membrane.

When ARDEX AF 207 is used to install an approved uncoupling membrane over suitable substrates and any of the aforementioned ARDEX modified mortars are used to set tile or stone over the uncoupling membrane, only the ARDEX Engineered Cements Standard Limited 10-year warranty will apply for the entire installation.

For all installations, please refer to the uncoupling membrane manufacturer's recommendations and ARDEX technical data sheets for installation requirements. Failure to follow manufacturers' installation requirements and industry standard guidelines will void the respective warranties.



## Notes

FOR PROFESSIONAL USE ONLY.

\*Gypsum substrates must be clean, sound, solid and properly primed with ARDEX P 51, as follows:

1. Make an initial application of ARDEX P 51 mixed with 3 parts water, and apply using a soft push broom. Do not leave any bare spots. Remove all puddles and excess primer.
2. Allow thorough drying such that the film of primer does not re-emulsify in water (approximately 1 to 3 hours) before proceeding with the second application of ARDEX P 51 diluted 1:1 with water.
3. Allow thorough drying to a clear, thin film (min. 3 hours, max. 24 hours).

Freeze/thaw stable to 10°F (-12°C). Avoid lower temperatures or multiple freeze/thaw cycles.

Shelf life is 1 year, if unopened.

VOC: 4 g/L

Do not reuse container. Dispose of packaging and residue in accordance with federal, state and local waste disposal regulations. Do not flush material down drains.

## Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at [www.ardexamericas.com](http://www.ardexamericas.com).

## Sizes Available:

4 Gallon (15.2 L) Pail

1 Gallon (3.79 L) Pail

Made in the USA.

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For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App at the iTunes Store or Google Play. Visit [www.youtube.com/ARDEX101](http://www.youtube.com/ARDEX101) to watch ARDEX AF 207 product demonstration video.



**ARDEX Engineered Cements**  
400 Ardex Park Drive  
Aliquippa, PA 15001 USA  
Tel: 724-203-5000  
Toll Free: 888-512-7339  
Fax: 724-203-5001  
[www.ardexamericas.com](http://www.ardexamericas.com)