

Tile & Stone Installation Systems

ARDEX Tile & Stone | Mortars

	Coverage	Mixing Ratio	Pot Life	Working Time	Open Time	Grout Time	Small Batch Ratio	Outdoor	Swimming Pool	Tile over tile	Large Format Tile	Uncoupling Mat (underneath)	Walls	Floors	Glass Tile (interior only)	Procelain Tile	Natural Stone	Moisture Sensitive Tile/Stone	ANSI A 118 Designation	Frost Resistant
ARDEX X 3™ Plus	Up to 90 sq. ft. (1/4" Notch)	5.25 - 6 Quarts	3 Hours	15 - 30 Minutes	Up to 30 Minutes	Floors: 24 Hours Walls: 8 Hours	2.5: 1	Yes (not over wood)	No	Yes (with P4 Primer)	Yes	Yes	Yes	Yes	No	Yes	Yes	No	118.4 118.11	Yes
ARDEX X 4™	85 - 90 Sq Ft (1/4" notch)	5 - 5.5 Quarts	3 Hours	15 - 20 Minutes	Up to 15 Minutes	Floors: 24 Hours Walls: 8 Hours	2.75: 1	Yes (not over wood)	No	Yes (with P4 Primer)	Yes	Yes	Yes	Yes	No	Yes	Yes	No	118.4 118.11	Yes
ARDEX X 5™	85 - 90 sq. ft. (1/4" Notch)	6 - 7 Quarts	3 Hours	15 - 20 Minutes	Up to 30 Minutes	Floors: 24 Hours Walls: 8 Hours	2.25: 1	Yes (not over wood)	No	Yes (scratch coat or P4 Primer)	Yes	Yes	Yes	Yes	No	Yes	Yes	No	118.4 118.11 118.15	Yes
ARDEX X 65™ Lite	103 sq. ft. (1/4" notch)	5.75 - 6.5 Quarts	3 Hours	15 - 20 Minutes	Up to 30 Minutes	Floors: 16 - 24 Hours Walls: 8 Hours	3: 1	Yes (not over wood)	Yes (no salt water, no glass)	Yes (scratch coat or P4 Primer)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	118.4 118.11 118.15	Yes
ARDEX X 90 OUTDOOR™	95 sq. ft. (1/4" notch)	5.75 - 6.75 Quarts	1 Hour	15 - 20 Minutes	Up to 30 Minutes	2 Hours	2.5: 1	Yes (not over wood)	Yes (no salt water, no glass)	Yes (scratch coat or P4 Primer)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	118.4 118.11 118.15	Yes
ARDEX X 77™ MICROTEC®	110 sq. ft. (1/4" notch)	8.25 - 8.75 Quarts	3 Hours	20 - 30 Minutes	Up to 1 Hour	Floors: 24 Hours Walls: 8 Hours	2: 1	Yes (not over wood)	Yes (no salt water, add E90 for glass on water line)	Yes (scratch coat or P4 Primer)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	118.4 118.11 118.15	Yes
ARDEX X 78™ MICROTEC®	105 sq. ft. (1/4" notch)	6.75 - 7.5 Quarts	4 Hours	15 Minutes	Up to 1 Hour	24 Hours	2.25 - 2.75: 1	Yes (not over wood)	Yes (no salt water, no glass)	Yes (scratch coat or P4 Primer)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	118.4 118.11 118.15	Yes

The chart information represents basic product recommendations. Always refer to the ARDEX Technical Data Sheets or website prior to installation for specific product installation guidelines.
ARDEX Technical Department can be reached at 888-512-7339



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	Coverage	Mixing Ratio	Pot Life	Working Time	Open Time	Grout Time	Small Batch Ratio	Outdoor	Swimming Pool	Tile over tile	Large Format Tile	Uncoupling Mat (underneath)	Walls	Floors	Glass Tile (interior only)	Procelain Tile	Natural Stone	Moisture Sensitive Tile/Stone	ANSI A 118 Designation	Frost Resistant
ARDEX X 32™ MICROTEC®	80 sq. ft. (1/4" notch)	5.75 - 6.5 Quarts	1 Hour	20 - 30 Minutes	Up to 20 Minutes	3 Hours	3.25: 1	Yes (not over wood)	Yes (no salt water, no glass)	Yes (scratch coat or P4 Primer)	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	118.4 118.11 118.15	Yes
ARDEX S 28™ MICROTEC®	103 sq. ft. (1/4" notch)	5.5 - 7 Quarts	75 Minutes	20 - 25 Minutes	Up to 45 Minutes	4 Hours	2.5: 1	No	No	Yes (scratch coat or P4 Primer)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	118.4 118.11 118.15	No
ARDEX N 23™ MICROTEC®	103 sq. ft. (1/4" notch)	6.25 - 6.75 Quarts	1 Hour	15 Minutes	Up to 30 Minutes	2 Hours	2.5: 1	No	No	Yes (scratch coat or P4 Primer)	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	118.4 118.11 118.15	No
ARDEX S 48™	30 sq. ft. (1/4" notch) 80 sq. ft. (V-notch)	3 Quarts	30 Minutes	20 - 25 Minutes	Up to 45 Minutes	Floors: 5 Hours Walls: 1 - 3 Hours	2: 1	No	No	Yes (scratch coat or P4 Primer)	No	No	Yes	Yes	Yes	Yes	Yes	Yes	118.4 118.11	No
ARDEX X 7 R™	85 sq. ft. (1/4" Notch)	4.75 - 5 Quarts	30 - 40 Minutes	20 Min-utes	Up to 20 Minutes	Floors: 3 Hours Walls: 3 Hours	3.25: 1	Yes (not over wood)	Yes (no salt water, no glass)	Yes (scratch coat or P4 Primer)	Yes	No	Yes	Yes	No	Yes	Yes	No	118.4 118.11	Yes
ARDEX D 16™	105 sq. ft. (1/4" notch) 175 sq. ft. (V-notch)	N/A	N/A	1 Hour	N/A	Floors: 48 Hours Walls: 24 Hours	N/A	No	No	No	No	No	Yes	Yes	No	Yes (Only over absorbent surface)	Yes	No	A136.1	No
ARDEX X 3™	Up to 80 sq. ft. (1/4" Notch)	5.25 - 6 Quarts	3 Hours	15 - 20 Minutes	10 -15 Minutes	Floors: 24 Hours Walls: 8 Hours	2.5: 1	Yes (not over wood)	No	No	No	No	Yes	Yes	No	Yes, Interior only	Yes	No	A118.4	Yes

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