



ARDEX AMERICAS | Moisture Control

ARDEX MC™ SYSTEMS	ARDEX VB 100™	ARDEX MC™ RAPID
Composition	Water Based	100% Solids Epoxy
Color	Opaque / Clear	Black
Unit Size	5 gallons (18.9 L) / 1 gallon (3.79 L)	1.65 gallons (6.24 L)
Maximum Allowable RH	Up to 100%	Up to 100%
Moisture Vapor Permeance (ASTM E96)	≤ 0.10	≤ 0.06
Coverage	Applied in 2 coats: Per Gal.: 400 - 500 sq. ft. (9.8 m²/L) per coat. (Dependent on surface porosity, profile and density)	At 10 mils - Per Unit: 270 sq ft per unit, 5.3 sq m / Per Gal.: 165 sq ft per gal, 25.1 sq m At 14 mils - Per Unit: 190 sq ft per unit, 18 sq m / Per Gal.: 115 sq ft per gal, 11 sq m
Sand Broadcast/Primer		
Coats (#)	2	1
Up to 1/4 inch underlayment	N/A	ARDEX P 82™
More than 1/4 inch underlayment	N/A	14 mils and sand
Installation		
Surface Preparation on Concrete	No profile required (Concrete must be porous)	CSP 3
Cure Time	2 hours (45-60 min, first coat, 1 hour second coat)	4 hours
Direct Installation of Floor Coverings	Yes	Yes
Suitable Finishes		
Resilient	•	•
Wood	•	•
Carpet	•	•
Laminate & Other Floor Coverings	•	•
Cementitious Toppings/Self-Leveling Underlayments	• (up to 1/4" (6 mm))	•
Epoxy & Other Resinous Floor Systems		•
Terrazzo		•

WARRANTY	ARDEX VB 100™	ARDEX MC™ RAPID
Standard Manufacturer Warranty	6 Months	6 Months
Factory Trained	10 Years	20 Years
LevelMaster Elite® Installer	15 Years	25 Years

Completely alkaline Resistant / Tenacious Bond to Substrate

The chart information represents basic product recommendations.

Always refer to the ARDEX Technical Data Sheets or website prior to installation for specific product guidelines.

ARDEX Technical Department can be reached at 888-512-7339