

STOP FLOOR FAILURES. KEEP MOISTURE VAPOR OUT.

**Ancamine®
2875**
Ultra-fast cure,
EHS friendly curing
agent for moisture
vapor barrier
coatings

Moisture vapor transmission through concrete is a primary contributor to flooring failures.

Applying a barrier coating to the concrete surface of existing or new construction before installing floor coverings such as tile, wood, carpet, seamless resinous or terrazzo flooring systems effectively addresses this issue and prevents moisture vapor transmission.

Ancamine® 2875 is a curing agent for this purpose. It is a modified polyamine formulated to cure diluted liquid epoxy resin with a fast cure speed, making it suitable for ambient and low-temperature applications.

Low-temperature curing ensures fast return to service, while providing extended working time. Additionally, it does not contain solvents, alkyl phenol derivatives, or benzyl alcohol, making it an ideal choice for low-emission coatings, particularly in floor coating formulations.

INTRODUCING – ANCAMINE® 2875, EVONIK'S NEWLY DEVELOPED CURING AGENT FOR MOISTURE VAPOR BARRIER PROTECTION

PREMIUM PERFORMANCE

- Easy formulating with standard diluted liquid epoxy resin
- Outstanding adhesion to dry and damp concrete
- Long working time

FAST CURE AND ROBUST APPLICATION

- Fast return to service
- Low temperature cure
- Moisture tolerance

ECOFRIENDLY NONYLPHENOL-FREE

- Good EHS profile
- Low to zero VOC, low emissions
- No alkylphenol, benzyl alcohol, or solvents

Ancamine® 2875 modified polyamine - FAST EPOXY CURING AGENT

APPLICATOR'S WINS

- Lower labor cost due to fast return to service
- Good EHS prevents exposure to harmful chemicals
- Low temperature cure expands the application window and working season

PROPERTY OWNER'S WINS

- Quick turnaround minimizes downtime
- Low VOC and low emissions improve indoor air quality

Moisture Vapor Barrier Curing Agents Typical Properties

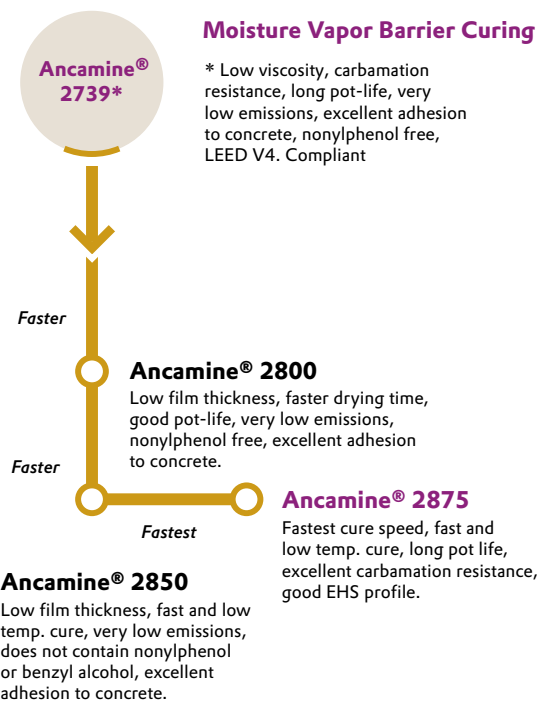
| Handling properties | Ancamine® 2739 | Ancamine® 2800 | Ancamine® 2850 | Ancamine® 2875 | Ancamine® 2850 | Ancamine® 2875 |
|---|--|----------------|----------------|------------------------|----------------|----------------|
| Resin, Epon 828 + | 10% Epodil® 748 10% Epodil® 749 | | | 10% Epodil® 748 | | |
| Neat Viscosity @25°C (cPs) | 350 | 500 | 542 | 500 | 542 | 500 |
| Mix Viscosity @25°C (cPs) | 500 | 594 | 667 | 650 | 1050 | 1233 |
| Use level (PHR) | 40-45 | 40-45 | 35-40 | 45-55 | 35-40 | 45-55 |
| Gel Time, 150g mass @ 25 °C (min) | 85 | 41 | 30 | 45 | 28 | 41 |
| Thin film set time, phase 3 (hrs) | 23 °C | 11 | 6 | 4.5 | 3 | 4 |
| | 10 °C | 20 | 12 | 10 | 5.3 | 7 |
| Carbamation resistance, day1 (rating 1-5, 5 best) | 23 °C | 5 | 4 | 3 | 5 | 3 |
| | 10 °C | 4 | 3.5 | 3 | 5 | 2 |
| Concrete adhesion damp concrete (psi) | 23 °C | 1065 | 957 | 925 | 980 | 955 |
| | 10 °C | 809 | 844 | 922 | 950 | 922 |

*Test at 50phr

Ancamine® 2875 Exhibits Wide Range of Use Levels

| Use level | | 46 phr | 50 phr | 55phr | 46 phr | 50 phr | 55 phr |
|--|-------|------------------------|--------|-------|------------------------|--------|--------|
| Resin, Epon™* 828 + | | 10% Epodil® 748 | | | 10% Epodil® 746 | | |
| Thin film set time, phase 3 (hrs) | 23 °C | 3.5 | 2.8 | 2.5 | 3.6 | 3 | 2.6 |
| | 10 °C | 5 | 4.75 | 4.5 | 5 | 4.75 | 4.5 |
| Carbamation resistance, day1 (rating 1 to 5) | 23 °C | 5 | 5 | 5 | 5 | 5 | 5 |
| | 10 °C | 4.5 | 4.5 | 5 | 4 | 4.5 | 5 |

Epon™ Resin is a licensed trademark of Hexion Specialty Chemicals, Inc.



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MOISTURE VAPOR BARRIER CURING AGENT
Ancamine® 2875 | December 2025 | Page 2/2