

ANCAMINE® 2608 Curing Agent**DESCRIPTION**

Ancamine 2608 is a modified cycloaliphatic polyamine intended for use as an ambient curing agent for liquid epoxy resin. The product is a low viscosity curing agent which exhibits very fast cure speed at moderate to good carbamation resistance. Ancamine 2608 can be used to formulate high solid coatings, self levelling and screed flooring where good chemical resistance is required. The product is free of nonyl phenol.

ADVANTAGES

- Fast cure and development of properties at ambient and low temperature
- Good to moderate resistance to carbamation and waterspotting
- Good chemical resistance
- Low viscosity

APPLICATIONS

- Chemically resistant high solids and solvent free coatings
- Industrial flooring applications such as self-levelling floors and mortar floors
- Accelerator for other curing agents

SHELF LIFE

At least 24 months from date of manufacture in original sealed container stored undercover at ambient temperature away from excessive heat and humidity. Discolouration can be expected with time and on exposure to light. Product may appear pink when stored in IBC's.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2608 curing agent.

TYPICAL PROPERTIES

Appearance	Clear light yellow liquid
Colour¹ (Gardner)	≤4
Viscosity² @ 25°C [mPa.s]	100-400
Amine Value³ [mg KOH/g]	310-340
Specific Gravity @ 25°C	1.01
Flash Point (closed cup), [°C]	>100
AHEW	95
Recommended use Level phr (EEW=190)	50

TYPICAL HANDLING PROPERTIES

Mixed Viscosity² at 25°C, [mPa.s]	1,900
Gel Time⁴ min (150g mix at 25°C), [min]	20
Thin Film Set Time⁵ @ 25°C, [h]	3.5
Shore D 20°C (4/8/24 h)	63/75/79
Shore D 10°C (16/24 h)	33/73/77
Typical cure schedule	2-7 days

TYPICAL PERFORMANCE PROPERTIES

Compressive Strength⁶, [MPa]	86
Compressive Modulus⁶, [GPa]	1.8
Tensile Strength⁷, [MPa]	57
Tensile Modulus⁷, [GPa]	7.4
Flexural Strength⁸, [MPa]	97
Flexural Modulus⁸, [GPa]	3.5
HDT, [°C]	45

Footnotes:

- (1) Gardner scale
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) Techne GT-4 Gelation Timer
- (5) BK Drying Recorder
- (6) ISO 604
- (7) ISO 527
- (8) ISO 178

Epoxy Curing Agents and Modifiers

ANCAMINE® 2608 Curing Agent

EVONIK RESOURCE EFFICIENCY GMBH
Business Line Crosslinkers
Paul-Baumann-Straße 1
45764 Marl
Germany

apcsepx@evonik.com
www.evonik.com/crosslinkers

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

