

## Product information

# ANQUAMINE<sup>®</sup> 728

Anquamine<sup>®</sup> 728 is a waterborne modified polyamine designed for use with liquid epoxy resins or aqueous solid epoxy resins dispersions. It is especially suitable for use in water-based industrial flooring primers and topcoats. Special features include fast reactivity, excellent resistance against carbamation, high adhesion and good yellowing resistance. This curing agent is an ideal alternative to Anquamine<sup>®</sup> 721 when fast reactivity is required or when the coating is applied under low temperature or high humidity.

### TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 5	Gardner	ASTM D 1544
Viscosity, 25 °C	5,000 - 15,000	mPas	Brookfield RV, spindle 27
Solid content	53 - 58	Wt.-%	
Amine value	160 - 220	mg KOH/g	Perchloric acid titration

### RECOMMENDED USE LEVEL

Amine equivalent	250	g/eq	calculated
Use level per 100 g BPA liquid epoxy resin	125 - 130	g	stoichiometric ratio
Use level per 100 g Ancarez AR 555	34	g	including epoxy excess

### TYPICAL PERFORMANCE PROPERTIES

Formulation with standard BPA epoxy resin adjusted to formulation viscosity of ~1,000 mPas; 37 % solid			
Pot life	> 90	min.	no change in viscosity or gloss
Drying time - Phase 3; 23 °C; 150 µm WFT	02:30	h:min	based on ASTM D5895

### APPLICATIONS

- Primer or sealer in flooring applications
- Topcoats in flooring applications
- Protective coatings

### BENEFITS

- High reactivity
- Good low temperature cure
- Excellent carbamation and water-spotting resistance

### SUSTAINABILITY ATTRIBUTES



NextGen Solution



VOC Reduction



Durability



Efficiency



LCA available

## SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

## STORAGE AND HANDLING

Refer to the Safety Data Sheet on Anquamine<sup>®</sup> 728 curing agent.

Anquamine<sup>®</sup> is a registered trademark of Evonik Industries AG or one of its subsidiaries.

### Disclaimer

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