

Product information

ANQUAMINE[®] 724

Curing Agent

DESCRIPTION

Anquamine 724 is a waterborne curing agent for use with standard liquid epoxy resin. Anquamine 724 easily emulsifies standard liquid epoxy resins; the use of emulsifiable resins is not required.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	≤ 12	Gardner	ASTM D 1544
Viscosity @ 25°C	15,000-35,000	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	260-285	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.05	g/ml	
Total Actives Content	60-64	wt %	
Equivalent Wt/{H}	200		
Recommended use Level	100-120	PHR	Cured with bisphenol-A based epoxy resin (EEW=190)

ADVANTAGES

- Excellent adhesion
- Fast drying times
- Good yellowing resistance
- Good flexibility
- Cement stable

APPLICATIONS

- Pigmented concrete coatings (100-300 µm)
- Concrete primers
- High gloss coatings

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers. Do not freeze.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Anquamine 724 curing agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	
Pot Life @ 23°C	60-120	min	
Thin Film Set Time @23 °C	3-4	h	ASTM D 5895 - BK Drying Recorder, Phase 3
PersoZ Pendulum Hardness 1 day @ 23°C	280	s	ASTM D 4366
PersoZ Pendulum Hardness 7 days @ 23°C	320	s	ASTM D 4366
Typical cure schedule	2 - 7	days	

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