

Product Data Sheet

LIT/1210-919

JOINTMINE 919

INTRODUCTION

JOINTMINE 919 is a modified cycloaliphatic amine of low viscosity, low color and room temperature curing agent. It has high gloss and able to cure under high humidity conditions. It also able to cure at relatively low temperature conditions and gives good surface properties. JOINTMINE 919 is suitable for solventless coatings, chemical tank lining, and mastic paint.

CHARACTERISTICS

- Able to cure at high humidity
- Transparent liquid
- Good chemical resistance
- Good gloss and surface properties

APPLICATIONS

- Self-leveling floor coating
- High solid coating
- Chemical tank coating
- Water resistant tile grout

PACKING

Jointmine 919 available in 200kg net per drum

STORAGE CONDITIONS

At least 12 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.

SPECIFICATION

Amine value (mg KOH/g)	280 ± 20
Viscosity (BH type @25°C, cPs)	400 ~ 600
Color (Gardner)	<3
Equivalent Wt (H)	90

TYPICAL PROPERTIES

Mix ratio, phr (with EEW=190)	50
Peak Exotherm Temperature (100g @25°C)	132°C
Pot life (100g @25°C)	23 mins
Hardness (Shore D), @21hrs	63
Hardness (Shore D), @7days	80

PHYSICAL PROPERTIES

Compressive Strength (JIS K6911)	783kg/cm ²
Bending Strength (JIS K6911)	751kg/cm ²
Tensile Strength (JIS K6911)	497kg/cm ²
Tensile Elongation (JIS K6911)	14%

Cured with Bisphenol-A epoxy of EEW=190 @25°C x 7days