

# Product Data Sheet

# **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)	$280\pm20$
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 <sup>2</sup>
Bending Strength (JIS K6911)	751kg/cm <sup>2</sup>
Tensile Strength (JIS K6911)	497kg/cm <sup>2</sup>
Tensile Elongation (JIS K6911)	14%
Cured with Bisphenol A apove of FEW-100 @25°C x 7days	

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

No guarantee, warranty, or representation is made, intended, or implied as to the correctness or sufficiency of any information, or as to the suitability of any chemical compounds for any particular use, or that any chemical compounds or use thereof are not subject to a claim by a third party for infringement of any patent or other intellectual property right. Each user should conduct a sufficient investigation to establish the suitability of any product for its intended use.