Technical Features

- **Coating type**: Acrylic
- **Color**: White
- **Size**: 18L
- **Density**: 0.6 ~ 0.7g/cm³
- **Viscosity**: 4,000 ~ 6,000cPs
- **Application method**: Brush, roller, airless spray
- **Theoretical coverage**: 1.0 ~ 1.1m²/L (500μm thickness)
- **Solids by volume**: 50 ~ 55%
- **Dry to touch time**: 10 minutes
- **Cure time**: 30 minutes
- **Storage**: 6 months
- **Thermal conductivity**: 0.055 ~ 0.060W/m·k
- **Recommended Temp.**: 10 ~ 40°C

Performance

- **Excellent thermal insulation properties over wide temperature range (-50 ~ 120°C), utilizing the low thermal conductivity of aerogel (0.017 ~ 0.022mW/mk)**
- **Significant temperature drop observed when roVa Shield is shielding heat from a hot surface. Surface temperature drops 21% ~ 35% at various coating thickness when hot plate is set to 100°C**

Usage and Application

- Apply with ease using ordinary paint equipment
- Improve building energy efficiency by applying to inner wall
- Insulate outer walls by using with roVa Shield Topcoat
- Prevent condensation and mold generation
- Dampen ambient sound and noise

Environmentally Friendly

- Does NOT contain dangerous chemicals, VOC, or bad odor
- Minimize carbon emission by promoting energy efficient buildings