

# Technical Data Sheet

## roVa Shield

### 1. Technical Features

Type	Water-based Acrylic	Application Thickness	1000 $\mu\text{m}$ (DFT) <sup>[1]</sup>
Color	White	Theoretical Coverage	0.68m <sup>2</sup> /L (DFT) <sup>[1]</sup>
Gloss	None	Number of Application	Spray: 2~3 Brush, Roller: 3~4
Density	0.5 ~ 0.6 g/cm <sup>3</sup>	Cure Time (25 °C, 50%)	Surface Cure: 40min Full Cure: 24hr
Viscosity	10,000~18,000cps	Dry to Retouch (25°C/WFT)	Brush, Roller: 350 $\mu\text{m}$ , 4H Spray: 500~800 $\mu\text{m}$ 6~8H
Solids by Volume	68%	Application Method	Brush, Roller, Spray
Dilution	N/A (Contact C/S, if needed)	Thermal Conductivity	0.042~0.045 W/mK
Best by	12 Month from DOP (10~30 °C, 80% or below)		

[1] DFT: Dry Film Thickness

### 2. Application Notes

- 1) Do not mix with other additives
- 2) Application thickness above tolerance range may result surface crack during drying stage
- 3) Please refer to Application Manual for further instruction