CARDINAL ACOUSTICS

AN ACOUSTICAL WOOD FIBER COMPANY

FIELD PAINTING CARDINAL ACOUSTIC PANELS

Cardinal Acoustics, Inc. recommends the use of Waterborne Acrylic Dry Fall, Alkali based, or flat latex paint. Test were conducted via Riverbank Acoustical Laboratories (RAL)™/An Alion Science Technical Center (RAL Ver 15.1) Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method ASTM C 423-09/NVLAP 08/P03. Test have shown that three coats of spray applied paint have no effect on the acoustical properties of the Cardinal Acoustics, Inc. interior panels or lay in panels.

Recommended Coverage Rate per Coat

150-200 sq. ft. / gallon approximate

Surface Preparation

Surface of Cardinal Acoustic panel must be clean and dry prior to painting.

Application Condition

Temperature:	50 deg. F. minimum, 110 deg. F maximum
Relative Humidity:	75% maximum
Dry Time:	20 minutes
Recoat:	60 minutes

* During the early stages of drying, the coating is sensitive to rain, dew, high humidity and moisture condensation. Plan painting schedules to avoid these influences during the first 16-24 hours of curing. Dryfall characteristics will be adversely affected at temperatures below 77 deg. F or above 50% relative humidity.

Application Equipment

The following is a guide. Changes in pressure and tip sizes may be needed for proper spray characteristics.

Airless Spray:	Pressure	2800
	Hose	fb" ID
	Tip	0.013"
	Reduction	As needed up to 10% by volume

Conventional Spray:	Gun	Blinks 95
	Fluid Nozzle	63C
	Air Nozzle	63PB
	Atomization Pressure	60psi
	Fluid Pressure	50psi
	Reduction	As needed up to 20% by volume

Additional Notes

Cardinal Acoustics panels should be mounted in place prior to field painting
Brush and roller painting is not recommended