

FEATURES	PROTECH for Ceiling is the high quality of 100% acrylic emulsion. It is special for ceiling applications on plaster or gypsum board ceiling. Matt finishing is designed to conceal ceiling joints by reducing reflection on film finishing in order to provide smooth seamless ceiling surfaces and excellent adhesion. Anti-fungus and algae. Free from lead and mercury. It is ideal for application to gypsum on the ceiling.
TECHNICAL INFORMATION	
Type	100% Pure Acrylic Emulsion
Color	White, Grey
Film appearance	Matt
Pack size	1 and 5 US Gallons
Solid by volume	34.39-35.42
Solid by weight	56.30-57.99
Specific gravity	1.504-1.549
Wet film thickness	95-110 microns
Dry film thickness	32.67-37.83 microns
Theoretical coverage	35-40 Sq.m./coat/gallon
	Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated
Touch dry (25-30°C)	30 Minutes
Recoat dry (25-30°C)	2 Hours
Full cure (25-30°C)	At least 7 Days
APPLICATION	
Tools	Roller, Brush and Spray
Diluent	Clean Water
Dilution (%)	5-10% (roller and brush) / 15-20% (spray)
APPLICATION SYSTEM	
Surface Preparation	
New Surface	The surfaces must be completely dried and cured at least 1 month. Surface must be free from efflorescence. Brush down or scrape off any loose material and cement splashes.
Old Surface	Powdery and chalky surfaces must be scrubbed and cleaned with water. Fungus and Mildew growth must be clean off with hypochlorite solution and allow for drying out at least 2-3 days.
Coating system	
Primer	New Surface: Apply 1-2 coats of Hato PROTECH Acrylic Alkali Resisting Primer PT2070 (Water-based) Old Surface: Apply 1-2 coats of Hato Contact Primer HA2033 (Water-based)
Topcoat	Apply 1-2 coats of Hato PROTECH Ceiling Paint
TIS	TIS 272-2549 (Emulsion Paints for General purposes)
HANDLING AND STORAGE	Keep the containers in a dry, cool, well ventilated space and away from heat. Containers must be kept tightly closed.
HEALTH AND SAFETY	Use under well ventilated conditions. Avoid skin contact.