

# TECHNICAL SHEET

## MC CRYSTAL MOISTURE CURE POLYURETHANE



### DESCRIPTION:

MC CRYSTAL is a moisture cure polyurethane organic solvent-based coating. MC CRYSTAL can be used as protection coat for hardwood floor or concrete. It is easy to apply and gives a high-quality glossy finish. MC CRYSTAL is an aromatic polyurethane, and so it should be used for inside applications.

PRODUCT	MC CRYSTAL	
SIZE	3,78 L	18.9 L
CODE	88001	88002
CASE/PACK	4	1

### FEATURES:

- Provides a scratch resistant coating
- Good chemical resistance
- Superb leveling & flow out characteristics
- Protects against routine cleaning, perspiration, water, oils, soda, alcohol
- Light amber color enhances natural color of wood
- Resists scuffing & rubber marks
- Will adhere to most solvent-based finishes.

### RECOMMENDED USE:

- Commercial Floors
- All types of Residential Floors
- Areas with high abrasion & wear

### RECOMMENDED APPLICATORS:

- Roller
- Brush
- Lamb wool skin

### APPLICATION CONDITIONS:

- Temperature between 15-35°C (59-95°F)
- 50% relative humidity

### PREPARATION:

Air and substrate temperature should be between 15 and 35°C (59-95°F). Substrate should be dry and exempt of dust, oil and grease.

### APPLICATION:

MC CRYSTAL can be applied with a roller, a brush or a lamb wool skin. A light abrade is recommended between coats.

### PRODUCT PROPERTIES:

DRY TIME & CURE	Dries in 24 hours. drying time can vary depending on temperature and relative humidity. Cures in 28 days
COVERAGE	100-125 sq. ft. per litre
CLEANING	
STORAGE	Store between 15-25°C (60-77°F). Water reacts with isocyanates contained in the product. And so, containers should be sealed to avoid humidity or other materials contamination. Do not store above 35°C (86°F). MC CRYSTAL can be preserved 6 months in its original contain. Use open containers quickly. Partially used containers should be sealed with nitrogen and protected from humidity.

### PHYSICAL PROPERTIES:

SOLIDS CONTENT	41-43%
DENSITY	1,12-1,19 g/cm <sup>3</sup>
VISCOSITY (25°C)	25-40 seconds
COLOR	Clear liquid
VOC	< 350 g/L
NCO CONTENT	3,75-4,15%

### HEALTH AND SAFETY:

MC CRYSTAL contains isocyanates and solvents. Avoid eye and skin contact. In case of skin contact, wash thoroughly with soap and water. In case of eye contact, flush with plenty of water for 15 minutes and get medical attention. Before handling the product, consult material safety data sheet and label of product and ensure to be familiar with hazard, use and handling informations.