

# MasterTop<sup>®</sup> TC 443LM

Single component hybrid acrylic based line marking coating for traffic decks

## DESCRIPTION

**MasterTop TC 443LM** is a single component, water-based, line marking coating formulated from high performance ester/acrylic hybrid polymers for concrete, asphalt, steel, epoxy and polyurethane substrates applications.

## ADVANTAGES

- For interior and exterior use
- Alkali resistance
- Developed to give good adhesion to concrete asphalt and resin surfaces
- Excellent abrasion resistance
- Good resistance against water and oil
- Good reflection properties
- Very quick drying
- Easy to apply

## PACKAGING AND COLORS

**MasterTop TC 443LM** is supplied in 20 kg (approx. 13.8 L) packs and available in White, Yellow and Black.

## TYPICAL PROPERTIES\*

Basic data at 25°C

Density	Approx. 1.45 g/cm <sup>3</sup>
Solids content by weight	Approx. 65-70%
Recommended dry film thickness	Approx. 100 microns
Tack free time @ 25°C	Approx. 20 min
Bond strength on concrete	>2 N/mm <sup>2</sup>
Abrasion resistance ASTM D4060	<350 mg

## RECOMMENDED SUBSTRATE CONDITIONS

**MasterTop TC 443LM** is normally applied onto, but not restricted to, **MasterTop** products, or as part of the **MasterSeal Traffic 1300** / **MasterTop 1200** series car park deck coating systems.

## SYSTEM SPECIFICATIONS

Quick drying durable line marking system to be applied in one coat for marking lines and patterns on concrete and asphalt, polyurethane or epoxy substrates.

## INSTRUCTIONS FOR USE

### Air-spray

Recommended thinner	Water
Volume of thinner	5-10%
Nozzle	Site trials would be required to determine the best nozzle sizes and line pressures

### Brush and roller

Recommended thinner	No thinner to be added
	Roller and brush application is not recommended for asphalt surface

### Cleaning Solvent

Water

## COVERAGE

LINEMARKING (100mm Wide)

**MasterTop TC 443LM** Line Marking Coating

Approx. 0.025 L / lm (100mm Wide)  
 Approx. 100 microns

Note: If any signs of transparency and if necessary to achieve a solid colour apply a second coat following recommended application rate.

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## STORAGE AND SHELF LIFE

Store under cover out of direct sunlight and protect from extremes of temperature.  
The shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department.

## QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

\* Properties listed are based on laboratory controlled tests.

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### STATEMENT OF RESPONSIBILITY

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### NOTE

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