

## **APPENDIX 'D'**

# **MMA AREA MARKINGS PREFERENTIAL LANE TREATMENT PRODUCT DATA**

# MMAX<sup>®</sup> Area Markings

## Preferential Lane Treatment

## PRODUCT DATA

Product Type: MMAX<sup>®</sup> Area Markings with Anti-Skid  
Product Code: 999660XX-KIT corundum and 999661XX-KIT sand  
Product Color: Various  
Effective Date: Oct 2022

### Product Description:

MMAX<sup>®</sup> Area Marking products conveniently combine state-of-the-art Methyl Methacrylate resins with sand or hardwearing corundum aggregate and premium pigments to deliver an extremely durable, highly visible and color stable lane delineation treatment that meets the non-slip requirements needed for pedestrians, cyclists and vehicles.

Colored MMAX<sup>®</sup> Area Markings can be used to delineate bike lanes, bus lanes, or other specialty applications, where a durable area marking is required. See attached color palette for our various choices.

### Product Advantages:

- Kitted for consistent on-site mixing and convenience
- Very Durable
- Color stable
- Fast back to traffic
- Non-slip surface
- Easy to apply
- Can be inlaid
- Near 100% solids

### Packaging:

Each MMAX<sup>®</sup> area marking kit mixes to approximately 2.79 gallons and covers approximately 45-50 sq. ft. @ 90 mils build thickness.

One Kit includes:

- MMAX<sup>®</sup> Resin(Pre-pigmented) : 2 gallons / 7.57 liters
  - Supplied in 5 gallon pail for easy mixing
- MMAX<sup>®</sup> Aggregate: 1 – 25 lbs / 11.34 kg
- Catalyst\*: 8 fl. oz. / 236 ml (.52 lbs / 0.24 g)

### Storage:

Keep Cool. Keep in dry protected areas between 40°F – 80°F, out of direct sunlight and protected from open flame. Use within six months of receipt.

### Product Characteristics

### Test

#### Binder Resin

Density	12.52 +/- .35	Lbs/Gal
Tensile	> 2000 psi	ASTM D638
Elongation	> 180%	ASTM D638
Flash Point	> 10°C	ASTM D1310

#### Aggregate

Sand Hardness	7	Mohs Scale
Corundum Hardness	9	Mohs Scale

#### Mixed

Density	18.5 +/- 0.5	Lbs/Gal
Tensile	> 400 psi	ASTM D638
Build Thickness	90 +/- 10	Mils
VOC	< 100	Grams/Liter
Pot Life	~15min	AASHTO T237
Solids	> 99% (cured)	ASTM D2369
Skid	> 60	ASTM E303
Hardness	50-60	ASTM D2240
Water Absorption	< 0.25%	ASTM D570
Cure Time	< 30	Minutes

### Other:

\*Amount of catalyst used is dependent on ambient and road temperatures. Each kit is supplied with 2% by weight of BPO, the maximum amount of catalyst that is required. The minimum is 1% BPO. Refer to Application Instructions for surface prep and other installation requirements.

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