



PRODUCT TYPE
Alkyd Extrude Thermoplastic

SPECIFICATION
AASHTO M-249



PRODUCT CODE
LMM101

LAST UPDATED
July, 2020



COLOR
White

Product Description

Thermoplastic pavement marking granular compound comprised of binder, filler, pigments, and glass beads. Material must be heated and melted to a temperature of at least 425 F, agitated, and applied to pavement. Produces durable marking material for both low and high volume traffic. Pavement surface temperature should be at least 50 F at the time of application for proper adhesion.

Packaging

Thermoplastic products are packaged in 50 lb. meltable bags, palletized with 2,100 lbs. for a total of 42 bags, plus waterproof packaging for safe transport.

Application

Surface must be dry, clean, and free of aggregate material, oil, grease, and existing striping. Use of a primer is strongly recommended on concrete. New asphalt should be allowed to cure for at least 5 days before application of material.

Product Storage & Shelf Life

Products should always be kept dry, and indoors if possible. While outdoor storage is acceptable, some application properties may be affected. Do not store in direct sunlight or UV light. The shelf life of the material should not exceed 12 months from the date of manufacture.

TECHNICAL DATA

% Binder	18% min
% Glass beads	30-40%
Intermix spec	M-247 type 1
% TiO ₂	10% min
Color match	FS 17886
Impact resistance	10 in. pounds
Softening point	200-230 F
Yellowness index	0.12 max
Density	2.15 max

Limitations

- Do not heat product above 450 F.
- Do not apply product when road and ambient temperatures are below 50 F.
- Do not apply to surface that is wet or has moisture.
- Molten material is hot and can cause burns. Wear protective equipment as outlined in MSDS.