



THERMODROP™ ALKYD THERMOPLASTIC

Technical Data Sheet

Potters Industries , LLC ThermoDrop™ alkyd thermoplastic pavement markings are premium, homogeneous materials that provide enhanced processing and application properties. The markings are designed for long term service life, excellent adhesion, color and retroreflectivity retention, and resistance to oil and grease. ThermoDrop™ alkyd products are ideal for intercity, legends, or long-line applications. The alkyd binder system is available and designed to have the flexibility to provide varying levels of field performance.

Application Types

ThermoDrop™ alkyd thermoplastic can be applied by spray, ribbon extrude, and screed extrude methods. Application thickness can be adjusted to 60, 90, 100, or 125 mils, depending on the specification and end use.

Characteristics

Potters Industries , LLC 's alkyd thermoplastic conforms to standards required by the AASHTO and specifications as issued by the U.S. Department of Transportation, Federal Highway Administration and a variety of states. Other specifications are available upon request.

Specifications and Test Methods

AASHTO T 250	AASHTO M 249	ASTM D 36
ASTM D 6628	ASTM E 1349	ASTM E 313

Application: Alkyd thermoplastic markings are fusible to both asphalt and portland cement concrete with the use of preheating or without the use of preheating of the pavement surface, primer use is optional. See application instructions for more information.

Product Usage

ThermoDrop™ alkyd thermoplastic pavement markings are designed to be stable for four (4) hours at material application temperatures of 400° to 425°F. The surface must be clean, dry, and at a temperature of 50°F and rising to insure a successful bond with the substrate. Concrete and asphalt surfaces more than two years old require the use of a sealer/primer.

Packaging

ThermoDrop™ alkyd thermoplastic is packaged in granular or pre-melted droplets in 50# (soluble) bags.

Product Storage

ThermoDrop™ alkyd materials should always be kept dry and indoors if possible. While outdoor storage is acceptable, some application properties may be slightly affected. The shelf life of the materials should not exceed 12 months.