

LUCAS *Coatings & Mastics for the Roofing Trade*

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PRODUCT DATA BULLETIN

#753 POLYESTER MASTIC

PURPOSE

Strong elastic polyester fabrics offer a new opportunity to repair and restore built-up roofing as well as to install new roofing. #753 Polyester Mastic has been developed to meet the unique requirements of polyester roof fabrics. #753 Polyester Mastic is intended primarily for application on smooth surfaced roofs but may be used successfully on gravel roofs where replacement of the gravel is not desired, or if granular surfacing is to be applied. For resaturating gravel surfaced roofs, refer to our products #713 and #010 which can be used with polyester fabric.

PRODUCT DESCRIPTION

Using polyester fabrics requires special qualities in a mastic which are not found in ordinary roof coatings. Most important is *controlled penetration* which assures needed saturation of the fabric while preventing excessive penetration and loss of coverage. Higher application rates associated with polyester systems require a *heavy-bodied* mastic to reduce slumping or running during the curing process. A *fast-setting* mastic will allow foot traffic in a shorter period of time. *Spray formulation* includes filtration, exclusion of abrasive ingredients and controlled viscosity. Lucas #753 Polyester Mastic has been proven in years of use by experienced contractors to meet or exceed all of these requirements.

APPLICATION

#753 Polyester Mastic is formulated for use with high quality polyester fabrics such as Tietex® T-272. On smooth surfaced roofs the fabric is installed with #753 Polyester Mastic, applied evenly by brush or spray at a rate of two gallons per 100 sq. ft. for the first, or adhesive, coat and five gallons per 100 sq. ft. for the top coat. The top coat must be applied in one, continuous application to avoid undersaturation of the fabric. Lap the fabric four to six inches or according to manufacturers directions. For a two ply system add three gallons per 100 sq. ft. of inter-ply mastic and increase the lap size as needed. The roof may be left unprotected, however an application of reflective Lucas Aluminum Roof Coating is recommended. Allow the roof to cure thoroughly - at least six weeks - before applying aluminum coating.

Polyester fabric may also be used as a reinforcement when restoring gravel roofs. Traditionally, gravel roofs are treated with a resaturant, such as our #713 or #010 and the gravel replaced. Where gravel is not desired or if the roof is to be surfaced with granules #753 may be substituted for a resaturant. Coverage rates will vary with the roughness of the roof surface.

All application rates are approximate and are derived from our laboratory tests and reported field experience. It is left to the judgement of the applicator to assure that sufficient material is applied for adhesion and coverage. Over-application will extend drying time.

CAUTION

Combustible mixture, keep away from heat and open flame. Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Keep out of reach of children. Read MSDS prior to use.

#753 SPECIFICATION

Applicable Specification	ASTM D-4479 Type I (Asbestos Free)
Viscosity ASTM D-562	675g @ 77°F (25°C) 8,000 cps
Recommended rate of application	7 gal. Per 100 sq. ft.
% Asphalt	55 min
% Solids	58 min
% Non-volatile	62 max
Weight per gallon	7.9 lbs.
Flash Point (TCC)	+100°F (38.7°C)
Container Sizes	5, 55, Bulk

Information contained in this bulletin is offered gratis on the basis of our field experience and laboratory tests conducted carefully by using modern equipment verified for accuracy. No warranty is expressed or implied beyond the purchase price of the material. We suggest that the user evaluate the product's suitability for a particular use prior to application. We reserve the right to improve, change, or discontinue specifications and products without prior notice.