Trinidad Lake Asphalt (TLA)
The world’s number one Natural Modifier for Refinery Bitumen.

TLA comes from the world’s largest commercial deposit of Natural Asphalt located in
La Brea, Trinidad & Tobago, a Twin Island Republic just off the North-Eastern tip of the South
American Mainland. This Natural Asphalt Lake has been actively mined for over 200 hundred
years and was the world’s first source of bulk bitumen and modifier to refinery bitumen.

Packaging & Transportation
TLA Pellets are available in 20kg bags and 1 ton Super Sacks for
transportation in 20-foot and 40-foot long containers.

Processing - End User Stage
TLA is currently supplied in fibre-board drums and is blended with
refinery bitumen in appropriate proportions (typically 25%-40%).
Specialized equipment is required for its preparation and use.

TLA Pellets will replace the need for specialized equipment and facilitate wider
end-use applications.

Testing and Conformance
TLA Pellets have been rigorously tested in the laboratory and in the field, to ensure its
conformity to the same high quality characteristics and key technical specifications
inherent in the traditional form of Trinidad Lake Asphalt (TLA).

TLA Pellets will be available by the 4th Quarter of 2004.

Specification
TLA usage is specified according to ASTM D 5710 -00 and ASTM D 6626 01,
standards under the purview of the American Society for Testing and Materials
(ASTM International). They are based on Marshall Testing and Performance
Graded (PG) Tests respectively.

Basic Properties of TLA
- Penetration at 25ºC : 1 - 4
- Specific Gravity at 25ºC : 1.4
- Softening Point (R&B) : 93 - 98

Advantages of TLA
- Increased life-cycle of Pavement (up to 2 1/2 times regular bitumen)
- Reduced rate of aging
  (reduction of all of the related problems associated with aging)
- Increased stability
- Improved anti skid

Where is TLA Being Used?
- Airports & Seaport Terminals
- Bridge Decks
- Truck Lanes (heavy and highly trafficked areas)
- Tunnels

TLA has also been used extensively for roofing and has been incorporated into a variety
of protective coatings.

Key Countries Using TLA
- Canada
- Hong Kong
- Caribbean Islands
- Japan
- Chile
- United Kingdom
- China
- United States
- Germany
- China
- United States