

# StenAst<sup>®</sup> LTX

## 1. Product Profile

**StenAst<sup>®</sup> LTX** is a polymer emulsion that can strongly adhere to all types of surfaces and it is designed to serve as a primer for bitumen emulsion to be applied on these surfaces. **StenAst<sup>®</sup> LTX** is water based. When cured, it forms a water impermeable layer. It is resistant to salty and chemically contaminated water. It can be used on concrete, asphalt, steel or wooden surfaces.

**StenAst<sup>®</sup> LTX** is available in **20 kg** containers and **200 kg** barrels.

## 2. Uses

It is used as primer for asphalt surfaces in **StenCoat<sup>®</sup> MCTE** applications. It can be used in the same product as an adhesion promoter additive. **StenAst<sup>®</sup> LTX** is used as a primer for bitumen or asphalt based emulsions to be applied for protection, repair and water impermeability of asphalt at places such as municipal infrastructure, industrial facilities, water works, dams, waste water processing facilities, motorway culverts and water canals, superstructures, bridge top coatings and airports. It is especially effective on contaminated surfaces after cleaning.

## 3. Surface Preparation

The surface where **StenAst<sup>®</sup> LTX** will be applied must be clean. Materials on the surface such as grease, oil, kerosene and fuel must be removed by detergents. Loose materials must be removed and parts in disrepair must be repaired. Cracks must be filled with **StenSeal<sup>®</sup> 2PT110**. Detailed information on surface preparation is provided in "Surface Treatment: Floor Surfaces to be Coated" document.

## 4. Application

**StenAst<sup>®</sup> LTX** is applied by means of pressurized spray application equipment or

## Polymer Emulsion Based Surface Coating Primer for Asphalt Pavements

### Highlights

#### StenAst<sup>®</sup> LTX

- It has excellent adhesion to all kinds of substrates.
- It is water based.
- After curing an impermeable layer is formed.
- It is resistant to salty and chemically contaminated water.
- It can be used on concrete, asphalt or wooden substrates.
- It can be used as primer on asphalt surfaces in **StenCoat<sup>®</sup> MCTE** applications, as well as it can be added to the same product as an additive increasing adhesion.
- It can be applied by means of pressurized spray application equipment, brush or roller.

by brush or roller. Application method is determined depending on the scope of the work, surface properties and worksite conditions. **StenAst<sup>®</sup> LTX** is ready to use. Optimal performance and proper results are

# StenAst® LTX

attained by double coat application. A third coat can be applied at places subject to harsh conditions.

Consumption of **StenAst® LTX** per coat is 0.2lt to 0.3lt /m<sup>2</sup>. However these amounts may differ depending on the surface roughness.

## Warnings

- During the application, there must be no rain, surface and ambient temperatures must be minimum 10°C. Within the 24 hours following the application, the temperature must not drop below 10°C and there must be no rain.
- Minimum four weeks must pass before **StenAst® LTX** to be applied on new asphalt and concrete pavements.
- The application must be carried out by skilled workers under supervision of experts and the applicators must use all kinds of protective equipment required for the worksite and the task such as goggles, mask and gloves.

## 5. Cleaning

Mixing and application tools must be cleaned with water and soap right after being used; also solvents can be used where necessary. StenSolver CL is suitable for this purpose.

## 6. Safety

**StenAst® LTX** is an environment friendly

water based material and it does not contain volatile organics, asbestos or heavy metals. Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Emptied packages must be handled in compliance with relevant regulations and laws.

## 7. Storage

Materials must be stored at storage temperatures between 10°C and 30°C; they must be kept above freezing temperature during storage. The packages must not be exposed to direct sunlight. Stored unopened in these conditions, the shelf life is 12 months.

## 8. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by **Stenkim®** and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All **Stenkim®** products are available in specified quality and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by **Stenkim®**.

**Stenkim®** reserves the right to update all information contained in this document without notice.

## Technical Data

Property	Result
Base Polymer	Styrene-Butadiene Rubber
Polymer Ratio (by weight)	%45-55
Water Ratio	%45-55
Color	Cream Color
pH	~7.5
VOC	0

**Stenkim®** reserves the right to make changes in the values in this table at any time.