



# Plushtex® 900-14

## Sand Filled Asphalt Resurfacer

### MATERIAL DESCRIPTION

Plushtex® is an asbestos free bituminous emulsion fortified with specially selected aggregate fillers. It is cold applied, and specifically designed for resurfacing new and existing hot-mix asphalt tennis courts.

### INTENDED USE

Plushtex is intended for use in resurfacing and minor leveling of tennis courts. Its application results in a smooth, fine-textured base layer particularly well suited for application of all quality acrylic cushion and color systems.

#### Plushtex serves three purposes:

- a) Use as a base/filler coating over new hot-mix asphalt tennis courts or other recreational surfaces (except roller hockey).
- b) Use as a base preparation over existing hot-mix asphalt tennis courts in need of resurfacing and/or minor repair.
- c) Use as a leveling treatment for minor blemishes and "bird baths". It should be noted that, PLUSHTEX MIXES CAN NOT BE APPLIED IN LIFTS THICKER THAN 1/8 INCH. When leveling depressions deeper than 1/8" apply Plushtex in multiple lifts, each never exceeding 1/8".

### 3. PHYSICAL PROPERTIES

<b>Color:</b> Brown	<b>Drying time @ 70° F &amp; 50% relative humidity*</b> To the touch: 30 min – 1 hour , To top-coat: 8 hours
<b>Weight per gallon:</b> 8.6 lbs.	
<b>Minimum ambient, surface and product installation temperature:</b> 50° and rising	<i>*Low Temperatures and high humidity will increase drying time dramatically. Maximum surface temperature = 140°F.</i>

### SURFACE PREPARATION

Surface must meet or exceed the U.S. Tennis Court and Track Builders applicable Guidelines. Upgrading and recoating previously colored surfaces requires the surface and base construction to be in sound condition and in compliance with the applicable U.S.T.C. and T.B.A. Guidelines. New hot-mix asphalt surfaces must be allowed 14-28 days minimum cure time prior to application of Plushtex, depending upon curing conditions. The surface upon which Plushtex is to be applied must be smooth, free of dirt, loose or flaking paint, oily materials or chemical residues, vegetation of any sort and any other debris or foreign matter that may prevent the proper product adhesion. Priming is necessary only if the existing asphalt surface is too badly weathered to establish a strong bond with the Plushtex. Prior to application of Plushtex, the court surface shall be flooded with water and allowed to drain. Any depressions capable of submerging a U.S. five-cent piece after one hour should be marked and repaired.

### MIX DESIGN

The following mixes have been found to be satisfactory for average surface conditions. The mix may be varied to suit individual job requirements through modification of sand amount and size.

Leveling Mix	
Plushtex	55 gal
Clean potable water	0-5 gal

Resurfacing Mix	
Plushtex	55 gal
Clean potable water	20-35 gal

NOTE: IN NO CASE SHOULD PLUSHTEX BE DILUTED MORE THAN 20 GALLONS WATER PER 55 GALLONS PLUSHTEX.

After the addition of water to the Plushtex concentrate, thorough mixing is required. A mechanical mixer is recommended and the mixture should be stirred until homogeneous. Periodic mixing should take place as the job progresses to ensure consistent application.



## GUIDE TO APPLICATION

**Leveling:** Plushtex can be used to correct minor depressions or “bird baths”. The court surface shall be flooded with water and allowed to drain. Any depressions capable of submerging a U.S. five-cent piece after one hour should be marked and repaired. Using the mixture in the table above screed the material across the outlined bird bath. Material application must not exceed 1/8 inch thickness. Leveling deeper depressions requires multiple lifts. Depressions deeper than 1/4 inch must be patched with an alternate material.

**Resurfacing Application:** Applying the resurfacer coat use the mixture in the table above. Using a flexible rubber squeegee apply Plushtex parallel to one of the sides of the surface area. Care should be taken not to leave ridges of mix where adjoining applications overlap. Application in hot conditions is improved by keeping surface damp with a fine mist water spray. After waiting the prescribed drying period, the surface should be scraped and blown clean to remove imperfections before the next coating is applied. A second application, if required, shall be made at 90° to the first. To set the Plushtex application, rolling of the entire treated area to a smooth fine textured finish is suggested. If birdbaths or other areas of unsatisfactory appearance are still present, further applications maybe needed.

**Drying and Cure Time:** Plushtex must be allowed to dry a minimum of 8 hours before applying acrylic coatings or acrylic patch materials. When recoating with Plushtex, a minimum of 8 hours of dry time is required.

**Coverage:** Coverage of Plushtex mixed will be approximately 0.11 to 0.16 gallons Plushtex per square yard per coat, depending on the texture of the surface (56-80 square feet per gallon).

**CLEAN-UP:** All equipment can be cleaned with water if clean-up occurs immediately after application. Rinse water should be reserved for later use.

## LIMITATIONS

**KEEP FROM FREEZING!** Plushtex is a water-based asphalt emulsion and therefore it must be kept from freezing during storage or in transit. If you receive product you suspect may have been exposed to freezing temperatures, consult your Dalton Enterprises, Inc. Technical or Sales Representative for proper handing instructions. Plushtex is limited to application of hot-mix asphalt tennis court and recreational surfaces. NOTE: Plushtex should not be used on roller hockey surfaces or other surfaces that receive use from in-line skates, roller skates, or skate boards. Dalton Enterprises, Inc. does not recommend nor authorize the application of Plushtex on any other surfaces.

## DO NOT OVER DILUTE

Dilution should not exceed 35 gallons of water per 55 gallon drum.

## DO NOT APPLY THICKER THAN 1/8 INCH PER APPLICATION

If leveling depressions greater then 1/8 inch, apply Plushtex in multiple lifts. Each lift must be allowed to dry a minimum of 8 hours between applications. When leveling depressions greater than 1/4 inch use acrylic bound products.

## CAUTION: HARMFUL IF SWALLOWED