Outstanding Features
• Inhibits chloride de-icing chemicals, salt and damage from chemicals to concrete.
• Maintains flexural and tensile strength of the concrete.
• Very easy to apply. Very fluid, water like consistency.
• Water-based, safe to handle and easy to store.
• Non-flammable.

Recommended Uses
• On all types of concrete surfaces.
• Concrete bridge decks, support structures, guard walls.
• Median dividers, curbs.

Properties & Specifications

Chemical Properties
Polymer type 100% Acrylic
Resistant To
Water/salt Excellent
Chloride de-icing chemicals Excellent
Petroleum (Hydraulic) oils Excellent
Kerosene Excellent
Transmission Fluid Excellent
Fat, grease, lubricating oils Excellent
Resistance to many hydrocarbons, and other petrochemicals Excellent

Physical Properties
Solids, % by weight 19.0 – 21.0
Weight/gallon 8.5 – 8.6
Viscosity, cps. 60.0 – 70.0
Color Clear or light tint
Dry film Transparent

Durability
Abutments Over 3 years
Decks Approximately 3 years*

*Reapplication is recommended to penetrate and seal cracks that will occur over time as the concrete deck expands, contracts and flexes during its normal life span.

Penetration in Concrete
Surface with no cracks 0.50 inch
Surface with minor cracks 1.00 inch

Application Notes
Concrete Preparation
Concrete must be clean, free of dust, grease, grime, mold, mildew and debris. Additionally, the surface must have a profile and a certain degree of porosity for MACRO DECK to penetrate swiftly and effectively.

Smooth Surfaces (including Trowel Finish)
Etch with muriatic acid (see detailed application specification).

Oil, Grease, etc.
Remove by degreasing and washing with a detergent.

Mold, Mildew
Remove with a bleach wash or any other suitable method.

Dilution Rate
MACRO DECK should be diluted with clean potable water. The amount of water added will vary according to the porosity, age and profile.

General Dilution Rates
Always Add Water Into MACRO DECK, Not Vise-versa

<table>
<thead>
<tr>
<th>Type</th>
<th>Dilution Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abutments</td>
<td>No dilution is recommended. Use as supplied.</td>
</tr>
<tr>
<td>New Decks</td>
<td>Mix One (1) volume of water with One (1) volume of MACRO DECK</td>
</tr>
<tr>
<td>Older Decks</td>
<td>Apply either at full strength or apply pre-diluted in 1:1 ratio with water</td>
</tr>
</tbody>
</table>

Application Methods
Spray, roller or brush.

Coverage Rates
Will vary according to dilution. 200-300 Sq.ft./gallon. Over-application does not enhance product performance.

Drying Time
Approx. 30 minutes. Will vary according to ambient conditions.

Weather Limitations
MACRO DECK is a water-based product and must be protected from freezing.
Ground and air temperature must be 50º F and rising prior to, and after application.
High humidity and low temperatures will retard drying. Do not apply during rainy or foggy weather.
Apply at the recommended application rates.
Thick applications will require more time to dry and fully cure.

Precautions
Keep from freezing. Observe all safety precautions. Consult Material Safety Data Sheet for details.

Packaging
5-gal. plastic pails; 55-gal. drums; 275-gal. plastic totes.

KEEP OUT OF REACH OF CHILDREN

Shipping Points: STAR plants

Date: November 30, 2005