

CAL-TECH INC.

(850) 755-363.

ENGINEERING & TESTING  
LABORATORY

P. O. Box 1625 ★ Lake City, Fla. 32056

REPORT OF: Joint Sealant Test  
PROJECT: Tallahassee Municipal Airport, Tallahassee, FL  
REPORTED TO: Delta Associates  
420 Braden Ave. Suite 202  
Sarasota, FL 323580

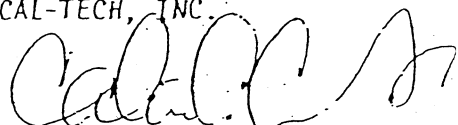
MATERIAL: Joint Sealant - Roscoe-Permanant Sealer (Highway Joint Sealer)

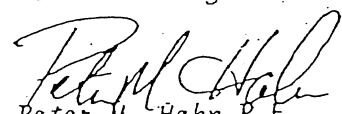
TEST MATERIAL:

1. 6" Asphalt Core - Supplied by Client
2. Joint Sealant Roscoe, Permanant Sealer
3. Jet Fuel - Supplied by Client
  - A. Coated Asphalt Core with Approximately 3mm coating of joint sealant material at room temperature =  $77^{\circ} \pm 2^{\circ}F$  remained at room temperature for 24 hrs.
    - 1A. No Cohesive Bond Failure
  - B. Applied jet fuel to sealant surface at room temperature
    - 1B. Sealant remained non-tacky no reaction to sealant surface.
  - C. Applied jet fuel to sealant surface with surface temperature  $140^{\circ}$ 
    - 1C. Sealant remained non-tacky no reaction to sealant surface.
  - D. Raw sealant emmersed in jet fuel for 24 hrs.
    - 1D. No Reaction of sealant to jet fuel.
  - E. Placed asphalt core coated with 3mm of joint sealant in oven. Heated to  $400^{\circ}F$ 
    - 1E. Sealant remained stable.
    - 2E. On cooling still resilient.
  - F. Water emmerse - asphalt core with surface coated with 3 mm of joint sealant
    - 1F. No colesion failure.
  - G. Solubility in jet fuel and water
    - 1G. Dry weight of material varied less than 2.0% of sample.
  - H. Flow less than 16

Inspector: Sargent

Respectfully Submitted  
CAL-TECH, INC.

  
Calvin C. Creamer, Jr.  
General Manager

  
Peter M. Hahn, P.E.  
Vice President