

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS
SINCE 1921

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JUNE 15, 1998

W.O.#15744.001dsu

Mr. James Sist
ChemTec International
7771 Woodstone Drive
Drive 100
Cincinnati, Ohio 45244-2855

RE: **SCALING PERFORMANCE TEST**
Of Concrete Surfaces treated with
ChemTec One per ASTM C 672

Dear Mr. Sist:

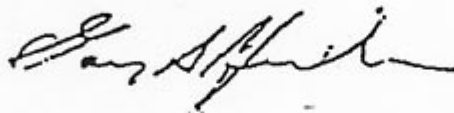
The H.C. Nutting Company is pleased to submit herewith the test results for the Resistance to surface scaling of plain, non- air entrained concrete, previously Treated with soluble reactive silicate, "ChemTec One". After 100 freeze/thaw Cycles, the visual performance rating for the two specimens tested was "zero" Scaling, (no scaling) as compared to a rating of 5 (severe scaling), for two non-Treated specimen when rated in accordance with the following data; per ASTM C 672:

Rating	Condition of Surface
0	no scaling
1	very slight scaling (1/8 in. (3.2 mm) depth, max, no coarse aggregate visible)
2	slight to moderate scaling
3	moderate scaling (some coarse aggregate visible)
4	moderate to severe scaling
5	severe scaling (coarse aggregate visible over entire surface)

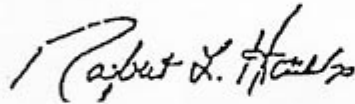
ChemTec One was applied at the rate of 100 sq. ft. per gallon per application,
With two applications 8 hours apart. Curing time exceeded 24 hours.

Complete laboratory data for the specimens tested is available upon request,
And all samples are available for your examination for 60 days, photographs are
Also available. It has been a pleasure serving you. If we can be of further
Assistance to you please contact the undersigned.

Respectfully submitted,
H.C. NUTTING COMPANY



Gary D. Pfuehler, P. E.
Senior Materials Engineer



Robert L. House
Director of Laboratories