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February 28, 2000



Grace Construction Products
W.R. Grace & Co. - Conn.
Ms. Amal Tamim
62 Whittemore Avenue
Cambridge, MA 02140-1692

Our Reference: File No. R4339, Project No. 00NK09179

Subject: Taiwan Tube Project

Dear Ms. Tamim:

This responds to your fax dated February 3, 2000 and your request that Underwriters Laboratories Inc. review a proposal to apply the tube column protection formula in design X771 to a tube placed in the horizontal position. The following is the result of our review.

We confirm that the tube column protection formula in design X771 can be applied to tubes placed in the horizontal position for 1, 1½, 2, 3, and 4 hour ratings with all Monokote products provided the following two conditions are met:

- The tubes are not to be used as structural members, i.e. they cannot carry any load besides their own weight.
2. Metal lath is to be used on all exposed sides of the tube. The metal lath shall be minimum 1.7 lbs. per square yard, secured to each side of the tube with welds, screws or powdered actuated fasteners spaced 12 in. O.C. in each direction.

We trust this satisfies your request. If you have any additional questions, contact me.

Sincerely,

KEVIN HYLAND (Ext. 42652)
Associate Project Engineer
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Reviewed by:

JOSEPH TREADWAY
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