D13A BONDING CEMENT PROGRESS REPORT 3/26/57

On testing two new formulations, our present Bonding Cement and "Blok Stik" we get the following wet adhesion.

Present Bonding Cement	.75 psi or 108#/sq. Ft.
Proposed Bonding #1	1.25 psi or 180#/sq. Ft.
*Proposed Bonding #2	1.50 psi or 216#/sq. Ft.
"Blok Stik"	1.75 psi or 252#/sq. Ft.

Thus it can be seen that although bonding #2 is not as good as Blokstik, it is twice as good as our present bonding cement.

All pulls were made immediately after applying and not allowed to set.

#1 formula is 75% Gronbloc & 25% Bentonite, while *#2 formula is 66.7% Gronbloc, 8.3% astestos and 25% Bentonite. Thus it can be seen the addition of some Asbestos shorts definitaly helps wet adhesion.

Very truly yours,

M. H. Detrick Co.
LABORATORY

R. B. Abell

RBA:lp

