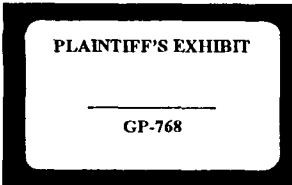


~~Handwritten:~~
This is a very
good letter
C. W. R.



K & H 27

January 24, 1969

Mr. K. W. Brown

Acme

M. W. Robinson

Tigard

NEW ONE DAY JOINT COMPOUND FORMULA

We have recently been trying to improve our One Day Joint Compound formula. The problem has been to improve the joint compound's working and decorative properties. We have solved these problems by using a new adhesive that Monsanto has developed. This material is a modified polyvinyl alcohol called RS-6219. The new adhesive replaces both the Gelva D-702 and Gelvatol 20-30 BP in the One Day. Not only does the RS-6219 replace two raw materials, but we can use 1% less adhesive to get the same bonding properties that the previous materials gave us. This leads to a cost savings of approximately \$2/ton.

In our lab investigations the new adhesive has performed admirably, giving excellent bonding results in relative humidity, cold and room temperature bonding tests. We have found that the working properties of the joint compound have improved greatly and are equal to U.S.G.'s Durabond 90. The lab tests have also shown us that the One Day can now be painted or have a texture sprayed over it without shadowing or burn through of the joint.

We would like you to have the joint system plant make up a trial batch of One Day using this new adhesive. It is our understanding that you have 500 lbs of the RS-6219 at Acme for testing purposes; therefore, it should be no problem for the plant to make up a batch for field testing.

Mr. Eugene O'Neill will handle the field trials; so, when you have the material made, please let him know so he can finalize the field testing arrangements. I personally would like to have one bag of the material sent to Tigard so we can check it. All the bags should be designated as a special material and held at the plant until Gene lets you know where and when to ship it. All plant expenses should be charged to account code 010-8489-7891, R&D 2. I have included the new formula in this letter and if you have any questions, please call me.

M. W. R.

MWR:pj

Enclosure: 1

- cc: Mr. T. W. Richards - Portland - w/ encl.
- Mr. G. F. Saitinger - Portland
- Mr. O. E. Burch - Portland
- Mr. E. D. O'Neill - Tigard - w/encl.

SGP 0015857

NEW ONE DAY JOINT COMPOUND FORMULA

	<u>%</u>	<u>Lbs/Batch</u>
Sodium Citrate	.05	1.0
Natrosol 250 HXR	.50	10.0
RS-6219	3.50	70.0
Clay K-70	3.00	60.0
Asbestos 7RF9	4.00	80.0
Tex 38	88.85	1777.0
Petro AD	.10	2.0
	<u>100.00%</u>	<u>2000.0 lbs</u>