

MAY 1, 1975
Supersedes V-976
Dated 2/6/75

MILFORD, VIRGINIA, PLANT FORMULA
READY MIX JOINT COMPOUND V-976 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White ready mix joint compound used for taping, topping, and texturing.

-/ FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
*Water	Solvent	--	--	1100 (132 gals.)
Elvace	Adhesive	185	4.00	87
Nalco	Antifoam	125	.09	2
Asbestos 7RF9	Bulking	9	4.00	87
Gelvato 3000	Adhesive	162	.60	13
Natrosol 250HXR	Thickener	170	.69	15
Mica	Anticracking	11	8.97	195
Limestone	Filler	13	81.56	1774
Troysan	Bactericide	193	.09	2
			100.00	3275***

*Approximately 51.0 lbs/100 lbs. of active ingredients (this may vary $\pm$ 4 gallons per batch).

***One batch yields 51 $\pm$ 1 five-gallon pail at 64 lbs/pail.

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.
Specifications for paste: If paste is not proper working consistency, a maximum of 5 cc water per 150 grams of paste may be added to adjust.

Brabender: 580 $\pm$ 20 (For machine mix 400 $\pm$ 20, add 5 gals. water)

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 90% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications Ratings shall be 4 or better.

COLOR -White
Specifications Dried compound shall match color of standard sample

WNG:jg

