

February 6, 1975

Formula V-973

NEW

MILFORD, VIRGINIA, PLANT FORMULA
READY MIX TAPING COMPOUND V-973

DESCRIPTION OF PRODUCT - Buff ready mix taping compound used for taping joints.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water**	Solvent	--	--	1120.00 (135 gals.
Elvace 1875	Adhesive	185	2.00	40.00 (4.5 gals.
Nalco	Antiformaling agent	125	.10	2.00
Gelvatol 3000	Adhesive	162	1.50	30.00
Elvac 71P9	Bulking agent	9	7.00	140.00
Moyson	Preservative	193	.10	2.00
Methocel 90HG	Water retention agent	170	.60	12.00
Mica	Anti-cracking agent	11	3.75	75.00
Limestone	Filler	13	84.85	1690.00
Yellow Iron Oxide	Pigment	--	.10	2.00
			100.00	3113.00***

**Approximately 56.5 lbs./100 lbs. of active ingredients (this may vary $\pm$ 4 gallons per batch).

***One batch yields 50 $\pm$ 1 five-gallon pail ready mix joint compound at 62 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: 520 $\pm$ 20

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 100% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.

Specifications: Ratings shall be 4 or better.

COLOR

Specifications: - Yellow
Dried compound shall match color of standard sample.

WNG:elz

