

Bulletin 61-2-2377
October 29, 1962

Formula JY384A

Fine Ground, uncoiled casein	4.443%
30-62	.5
Hydrated lime	.15 to .3 (to control pH)
Zinc Oxide (42 green label)	.2
Tetra sodium pyrophosphate	.1
Ammonium oxalate	.9
pentaborate	1.2
Dicyandiamide	.3
P85 mica*	.5 formula V quantity
JC "	.5
Nicolet asbestos 78223**	1.667%
Canadian Carey asbestos 7879**	as req'd (1.667% in lab batch)
#7503 Marble	to make 100%
Liquid mix:	.15%

1 gal - Polyglycol P1200
1 gal - Tributyl Phosphate
2 oz. - Neutralizer 5050

*Note 1 - 1/2 formula V quantity of each mica is considered standard for this formula. If necessary to maintain smoothness in the product, the P85 mica may be increased to .6 formula V quantity with concurrent reduction of JC mica to .4 formula V quantity.

** Note 2 - This blend of asbestoses is selected to give a mix with approximately 9 to 11% plus 325 mesh, based on a norm of about 14% plus 325 for Nicolet asbestos and 5-6% for 7879 asbestos. If the 7879 asbestos should run coarser than this norm, submit a 2 lb sample of it to Research for test and decision on reducing Nicolet asbestos with increase in Canadian Carey asbestos.

Raw Materials - per bulletin 61-2-23, p. 3.

Processing - Per bulletin 61-2-23.

Finished Product Tests - Methods per bulletin 61-2-23.

Color - Natural white.

Mixing and application properties - Should closely match those of the 09132D21L3 topping field tested at Denver, especially with respect to smoothness or freedom from graininess on joints and on heavy fills, i.e., on corner bead fills. Better smoothness was the main reason most Denver applicators preferred this trial batch to the 09182D1 LSP batch field tested at the same time.

Consistency - 61-64cc @ 650 HB, 77°F (VC-3 direct reading).

pH - 8.1 to 8.4, ideal 8.3

Bond to Perf-A-Tape - 3-5 (at humidities below 50%)

09037 1000

Reset test - 1 to 2.

Odor - very mild - perfume plus very slight ammonia.

Lumps - per Bulletin 61-2-23.

Packaging - In standard 25 lb Topping Compound bags. Stamp -
"Use approximately 15 parts water per 25 lbs compound"
adjacent to the printed water requirement on the bags. Code
with LS W in addition to date and mill code.

Shipping - As directed by Dept. 144 - tentatively on all Topping
Compound orders to the Denver District.