Georgia-Pacific

INTERDEPARTMENTAL COMMUNICATION

DATE: October 29, 1974

TO: Mr. J. R. Wett

LOCATION: Tigard, Oregon

FROM: John Darmstadter

LOCATION: Akron, N. Y.

SUBJECT: Wollastinite Formulas

Jdec; in response to your TWX of Friday, 10/25/74, the Wollastinite formulas we have soffar manufactured are as follows:

PLAINTIFF'S EXHIBIT

GP-1466

1. Akron Regular Metal Casting with Fiberglass and sugar

Akron #37 Stucco	900 lbs.
Wollastinite F-1 Grade	200 lbs.
Cane Sugar	4 lbs.
1/4" cut Fiberglass	2 lbs.

We add appx. 2 lbs. of ground land plaster to get sets in the 15' range for Armstrong Molding and Sims Casting, both of Syracuse, N. Y.

T. C. of this material runs about 49. Cannot tell about Fluidity because of the fiberglass.

I think it would be a good idea to issue formulations for all the Regular Metal Castings; that is, present formulas #276; 281; 283; and 285.

The #1 Metal Casting we ran was as follows:

Akron #37 Stucco	756 lbs.
Wollastinite Grade F-1	175 lbs.
Rm.RSpec#283Bentonite Clay	55 lbs.
Aluminous Cement	44 lbs.
Foundry Core Sand	44 lbs.

TC on this material was 52.

Again,II think we should have formulas for all the #1's. That is, formulas #278,277, 273, and 284.

So far, fluidities at normal condition (128 W/DM) are all over the plate. We tried fluidities at 110 water and they still spread way over 7".

Right now, we do not know how well these materials are working for the metal casting shops. If they are working well as they are, we should set up standards for performance. If not,,we will have to make adjustments in formulation.

Regards,

John

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