



Jabrom 4F 200

The chemical activator 4F 200 has been designed for use with any pozzolan derived from fly ash that contains 20% amorphous glass which comes from the production of Class C fly ash.

Pozzolanic materials can be controlled with 4F 200 to perform as a low density back fill (set at 40-50 psi in 30 minutes and stay lower than 200 psi in 28 days) or a higher density top coat (> 1500 psi in 24 hours or higher). The success of the desired application will be dependent on the sand and aggregates available to the producer and the type of mixing. The user must employ a mobile mixer (ProAll International Manufacturing) as normal rotary mixers will not work to attain repeatable results.

A mix design will be tested by a Jabrom representative before any field testing is initiated to ensure proper mix design parameters. Samples/testing will be coordinated through a specified rep for small scale material testing. A field representative from Jabrom or one of its affiliates (AKC Chemicals) will be available as a part of the initial testing protocol. This team will coordinate further onsite work in order to fully support the venture (future communication can include phone, email, Skype and periodic site visits to ensure customer satisfaction).

The product has been used in over 500,000 yards of various flowable fill projects all over Texas. Today, the demand for this product continues to rise for various applications including low strength (less than 200 psi)

to 500 psi back fills and higher. Further expansion of the product's use includes low strength fast setting flowable material as well as a base course or specialty use material. In addition to 4F 200 admixture, Jabrom Specialties has other chemical solutions which allow the customer to pour on top of the low strength material to give a higher strength temporary "base" type strength. Normal traffic flow for short periods of time can be easily achieved, roughly 20-30 days before a permanent application. Cure times for this type blend are usually less than one hour (extremely fast). If a customer desires a higher strength material, samples can be tested by our designated partner, who can be contacted through ProAll International Manufacturing.

Here are some key features of the 4F 200

- Low freezing point
- Low viscosity fluid
- Dosage rate: 8-24 oz. is the average range but higher concentrations can be employed if required
- Compatible with other admixtures

The flowable aspect of the product is delivered by utilizing the Mobile Mixer/Pro All delivery system. This optimizes the production aspect on numerous job sites for a multitude of applications and uniquely distributes this material with the highest efficiency. Our customers continue to discover new applications using 4F 200 which save their customers time and money.





Typical setting times are adjusted to meet each customer requirement. Examples are illustrated below.

Fast set low strength:

- Set time at 500 psi penetrometer (walk on with no print or drive on): 10 to 30 minutes depending on temp.
- Final measured compressive strength of sample cylinders: 200 psi

Fast set higher strength:

- Set time 30 minutes compressive strength test: 300 -500 psi
- 1 hour compressive strengths: 500 800 psi
- 1 day compressive strengths: 1200 1800 psi
- Designed as temporary layer/road so strengths can be adjusted to meet the requirements

In cold climates 15% air is attainable and higher air content (up to 30%) can be achieved. A representative can discuss the ways to measure air with this fast setting product.

Jabrom Specialties

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