

JET POUR

This data sheet covers properties, mixture, placement and general information on Jet Pour - Anchoring Cement

Description

Jet Pour, as the name implies, is a cement product design intended to be mixed into a pourable consistency and a used for anchoring and setting. Unlike most quick setting materials which lose strength when sufficient water is added to achieve pourable consistency, Jet Pour gets its strength from this water edition. When mixed properly, Jet Pour will develop extremely high early compression strength, and more important, because of its intended uses, develop pole restriction strength far greater than the compression strength would indicate. The unique formulation of Jet Pour provides for a true concrete product with the strength that will meet or exceed the most demanding specifications of an anchoring material.

Advantages

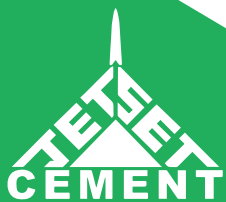
In many placements of a fast setting material, it is an advantage to mix the material into a pourable consistency for ease of application. This is most necessary when anchoring or setting. In the past, the options have been to add more water than is recommended to a repair material, or use an anchoring product that contains very little cement and has restrictions on most exterior uses. Jet Pour answers the problem. A cement product designed for added water ratio without the loss of strength, and durable enough to be placed wherever the need exists. Complete and ready to use with just the addition of clean tap water, Jet Pour is the simple answer to a difficult problem.

Properties

When mixed as directed Jet Pour will attain an initial set in 15 to 20 minutes. Jet Pour will develop approximately 4500 PSI in 24 hours when tested on unconfined in break cubes. When confined in form holding system, compression strength develops considerably more, due to heat and expansion. Pull out test indicates 970 lb of pressure required to pull, 3/8 inch diameter steel rod, embedded to a depth of 6in in 3 inch cylinder, after 1 hour; 1990 lb required, same test, 24 hours after mixing. Test used 3/8 in smooth rod with no washers. Rods embedded immediately after pouring mix. Jet Pour contains no calcium chloride. Jet Pour does not produce heat during hydration and has expansion of .002 per inch. Jet Pour may not be remixed or retempered.

Availability

Jet Pour is available in concrete gray only. Packaged in 50 lb or 10 lb plastic pals. Normal shelf life 18 months.



JET PLUG

Mixture

Clean fresh water shall be added to Jet Pour at a ratio of 140 CC or 4 3/4 fluid ounces to each pound of dry material. Thoroughly mixed material shall have the consistency of heavy syrup, when mixing to pour. When mixing to place or set on vertical or mixture needs to be more putty like consistency, add less water to dry mix. Mix should be pourable but not watery. If mix becomes too watery, additional dry mix may be added in the first minutes of mixing. Do not add additional material or water to mix after the first several minutes. After the addition of the proper amount of water, mix or stir for 1 or 2 minutes. Jet Pour may then be placed. Mix only enough material to place in 10 to 12 minutes as Jet Pour will begin to harden. Remove any unused material from mixing equipment each time a mix is made.

Placement

All loose material and dust should be removed from patch area. Area should be soaked with clean water. Do not allow water to stand or puddle in repaired area before or after set, remove any excess water from hole or void. Pour or place Jet Pour in void to proper level and allow to remain untouched for several minutes until Jet Pour begins to harden, then smooth the surface with a trowel.

Finishing

Jet Pour hardens very quickly and becomes very hard to shape or grade in a short time. After placing, watch repair area to detect Jet Pour firming. As Jet Pour begins to firm, but before it is completely set, trowel or shave the surface to desired grade and finish. After Jet Pour sets do not disturb area for 30 to 40 minutes. Normal activity may be resumed after 1 hour.

Curing

Jet Pour normally requires no special curing. As is normal with all concrete products, retaining moisture is important. In warm weather and dry conditions, keeping the repaired area soaked with water for several hours after placing will be helpful. Damp sand or cloth soaked in clean water works well.

Bonding agents

the use of bonding agents in the application of Jet Pour is not recommended. Making sure that the area to be repaired has been well soaked with clean water will ensure a good bond.

For special or more difficult anchoring or setting problems, consult the manufacturer for instructions and assistance.