

PRODUCT PROFILE

HICOFLO

A pumping additive for concrete materials

DESCRIPTION

HICOFLO is a finely ground combination of minerals that are blended to reduce friction during pumping and placement of concrete materials.

APPLICATIONS

HICOFLO can be used in shotcrete, gunite, masonry grout and other applications needing lubricity. HICOFLO helps reduce friction and line pressure by promoting a homogeneous concrete mass. This leads to greater flow capability and the ability to place more volume per hour.

HICOFLO's ability to reduce friction during pumping can influence the unloading time of concrete mixers. HICOFLO can adjust a wet coarse mix into a non segregating flowable mass. However, the dosage rate should not exceed 10 lbs. of HICOFLO per cubic yard of concrete.

USAGE FACTOR

Five to ten lbs. of HICOFLO per cubic yard of concrete or grout will increase pumpability, specifically when pumping and placement of the concrete materials are hindered by sharp sand, insufficient fines or sand that is out of specification. Testing has shown there is no appreciable change in the strength characteristics of concrete when HICOFLO is added at recommended quantities.

MIXING & COMPATIBILITY WITH ADMIXTURES

Add HICOFLO while the mixer is at agitation speed and mix for 3 to 5 minutes at mixing speed. HICOFLO is compatible with most liquid admixtures. Use caution when air entraining is used since high air content can have an adverse affect on compressive strength.

SLUMP CHANGE

A slight change in slump may occur after HICOFLO has been added to the mass. This slump change normally does not have a negative effect on the pumpability of the concrete.

Remember the addition of water to the mix will result in decreased strength, increased shrinkage, and a general reduction in the quality of the concrete.

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