



Concrete Admixtures and Fiber

IMISHOT-LA

Non-Corrosive Liquid Shotcrete Accelerator

DESCRIPTION

IMISHOT-LA is a non-corrosive liquid accelerator for both wet- and dry-process shotcrete. **IMISHOT-LA** is a formulation of inorganic chemicals and a special wetting agent that insures intimate contact of the accelerator with the Portland cement for a rapid and uniform reaction

USES

IMISHOT-LA accelerates both the initial and final setting times of using fine or coarse aggregate mix designs. Accelerating shotcrete with **IMISHOT-LA** allows continuous application to the required depth, vertical or horizontal, thus eliminating laminations, sloughing off and other structural defects.

IMISHOT-LA rapidly accelerates the set of shotcrete during placement operations greatly enhancing its ability to seal leakage and to provide early support of rock and earth. This advantage is critical in tunneling and other operations where normal setting times are not practical due to flowing water, rock relaxation and shock loads from equipment vibration and blasting. Using **IMISHOT-LA** will let operations proceed on time with minimum delay.

TECHNICAL INFORMATION

Dosage Rate

Dry Process: Dry process shotcreting usually requires 32 to 96 ounces of **IMISHOT-LA** per 100 pounds of cement.

Wet Process: Wet process shotcreting will require 64 to 256 ounces of **IMISHOT-LA** per 100 pounds of cement. The proper dosage rate is best determined at the jobsite using job materials under typical job conditions. Flash setting will take place at the highest dosage rates.

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LIMITATIONS

Do not premix with dry cement or the shotcrete mixture. [IMISHOT-LA](#) must be introduced at the nozzle for both wet- and dry-processes.

APPLICATION

Introduce [IMISHOT-LA](#) into the water ring for dry process (*may be pre-mixed with water*) and at the nozzle for wet process shotcrete. Refer to ACI 506, "Recommended Practices for Shotcreting" for further details.

SAFETY

Normal precautions should be exercised when handling Portland cement and other alkaline products. Gloves and goggles are recommended.