

HUNT PROCESS "AIR-IN-XT" AIR ENTRAINING AGENT

Air-In-XT is an economical high quality air entraining agent for concrete, designed and controlled to a uniform concentration to assure consistent performance. Air-In-XT is furnished ready-to-use in 55-gallon drums.

Properties Imparted by Air-In-XT to plastic and hardened concrete:

1. Increased Workability

This increase is achieved through lubricating action of the small air bubbles which act as minute ball bearings and render the fresh concrete more mobile.

2. Decreased Segregation

The increased cohesion of the concrete mix retards segregation to the extent that air-entrained concrete can be conveyed on belts or in non-agitating trucks without detrimental effect.

3. Greatly Reduced Bleeding

The minute air bubbles act in a manner similar to that of fine aggregate in decreasing both bleeding rate and bleeding capacity.

4. Increased Durability of Set Concrete

Air entrainment reduces cracking and spalling of set concrete by providing greater free space within the concrete, thereby minimizing the effects of internal expansion due to freezing and thawing.

5. Decreased Permeability

The bubbles of entrained air do not decrease permeability - do not lessen water-tightness; but rather their random placing tends to terminate capillary tubes and to reduce the flow of water through these tubes.

Specifications

Air-In-XT meets the current requirements of the following Specifications:

A.S.T.M. C-260
Corps of Engineers CRD C-13
A.A.S.H.T.O. M-154

Air-In-XT should be added to the mix with the water. The amount of Air-In-XT to entrain the desired amount of air will vary, depending on the grading and particle shape of the aggregate; the richness of the mix, mixing time, temperature and slump of the concrete. The amount can be accurately and quickly determined by the use of the Press-Ur-Meter. Adjustments can then be made on the Air-In-XT Dispenser. To obtain 3 to 6 percent air, start with one-half to three-quarters ounce of Air-In-XT per cwt. of cement.

MANUFACTURER

HUNT PROCESS CORP.-SOUTHERN

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"Spray it and Forget it" reg.

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