
RUSSTECH[®]

HYDENSE

DENSIFYING AND STRENGTH ENHANCING ADMIXTURE FOR MANUFACTURED CONCRETE UNITS

DESCRIPTION:

HYDENSE has the ability to aid in the dynamic dispersion of cement particles to promote better early strengths. Masonry units manufactured using **HYDENSE** are denser, have a better appearance and are less abrasive on mold equipment. **HYDENSE** Manufactured masonry units exhibit the maximum strength yield obtainable from the cement and pozzolan portion of the mix.

USES:

HYDENSE may be used wherever increased and improved masonry production is required. It is particularly useful in:

- Concrete Block
- Concrete Brick
- Dry-cast concrete pipe
- Paving Stones
- Specialty Landscape Units

ADVANTAGES:

- Less abrasion on manufacturing equipment
- Maximum strength yield from cement and pozzolans
- More aesthetically pleasing appearance
- More dense and less absorptive manufactured units
- Allows Use of Wetter Aggregates
- Low to medium swipe admixture

PACKAGING:

55-gallon drums, 275-gallon tote tanks, and bulk tank truck.

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www.RussTechnet.com

COMPATIBILITY:

HYDENSE is fully effective and compatible in masonry concrete containing all types of Portland cement, class C and F fly ash, silica fume, calcium chloride, fibers and approved water-reducing, accelerating and retarding admixtures. **HYDENSE** can be used in white, colored, and architectural concrete.

DOSAGE:

HYDENSE addition rates range from 1 to 12 ounces per 100 pounds (65 to 783 mL per 100 kg) of cement. For best results, **HYDENSE** should be dispensed separately into the mix after 70% to 80% of the initial batch water. **HYDENSE** should never be allowed to come into direct contact with dry cement. Allow **HYDENSE** to mix a minimum of two minutes for maximum cement strength efficiency.

STORAGE:

HYDENSE should be stored at temperatures above 35 F (2 C) degrees. Although freezing does not harm the performance of **HYDENSE**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitation. **Do Not Use Pressurized Air For Agitation.**

SHELF LIFE:

18 months

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ADMIXTURES

RussTech Inc.

"We Add The Difference"