



Product Data Sheet

Celcore HS Rheology Modifying Admixture for Celcore MF Cellular Insulating Concrete

Product Description:

Celcore HS Rheology Modifying Admixture is a proprietary compound specifically formulated to be used in conjunction with **Celcore MF Foam Concentrate**. This product improves the pumpability, flow-ability and work-ability of fresh **Celcore MF Cellular Concrete**. The product further improves the hardened properties of the concrete by increasing bond and compressive strength without increasing cast density.

Product Advantages:

- Allows significant mix water reduction
- Reduces pipeline friction
- Improves plastic work-ability properties
- Increases foam yield
- Increases substrate bond strength
- Increases compressive strength
- Decreases batch cycle mix time

Product Dosage:

Dosage rates may vary depending upon cement source. Generally, the recommended dosage rate is within a range from 1 - 4 fl/ozs [30 - 120 ml] per 100 lbs [45 kg] of cement.

Directions for Product Use:

Celcore HS Rheology Modifying Admixture is added to the batch plants mix water during the mixing process. The use of metered dosing into the water supply line on the mixer side of the batch plants water meter is required. Dosing equipment shall be only that acquired from, or specifically configured by Celcore Incorporated. Other mixture dosing methods are explicitly not approved. For dose system interface schematics, technical guidance and all other product

information, please contact Celcore Incorporated.

To affirm the products performance and its affects on both the fresh and hardened properties for **Celcore MF Cellular Concrete** made from a specific cement source, trial batching is recommended. **Celcore HS Rheology Modifying Admixture** is intended for use when making **Celcore MF Cellular Concrete** only.

Product Packaging and Information:

Celcore HS Rheology Modifying Admixture is supplied in (5) gallon [18.9 L] pails, (55) gallon [208.2 L] drums or (250) gallon [946.4 L] totes. **Celcore HS Rheology Modifying Admixture** is only available to manufacturer Approved Celcore cellular insulating concrete producer and placement contractors.

Celcore HS Rheology Modifying Admixture should be protected from freezing. If frozen, some re-mixing may be required.

Applicable Standards:

Celcore HS Rheology Modifying Admixture meets or exceed ASTM C 494, Types A and F.

Safety and Worker Precautions:

Always wear proper eye protection as splash possibility exists. Not to be consumed internally. Normal work clothing and gloves are recommended. Wash from skin using soap and water. MSD available upon request.

Celcore Incorporated seeks to present reliable information concerning the composition, properties and use of its products. This information however is provided **AT NO CHARGE AND WITH NO WARRANTY, EXPRESSED OR IMPLIED.**

rev. 03.16 supercedes all prior