

enCOUNTER

THIN WALL TECHNOLOGY for precasting with enCOUNTER.

DESCRIPTIONS: The enCOUNTER countertop mix with enFLOW (superplasticizer) and enFORCE (structural fiber) may be used for precast thin wall applications for sinks, wall panels, tiles, fireplace surrounds, countertops and tables, backsplashes and baseboards in $\frac{3}{4}$ " thickness + - $\frac{1}{4}$ ".

INGREDIENTS: A suggested formula is one bag of enCOUNTER; 1 oz of enFLOW; 64 oz water; 2 oz of enFORCE; 2 oz of Fritz-Pak Air-Minus (to reduce pin holes)

SEQUENCE: Add water and enFLOW to the mixer drum; add the bags of enCOUNTER; mix for 2-5 minutes; add 2 oz (by volume) of Fritz-Pak Air-Minus per bag of enCOUNTER. If small balls of enCOUNTER are visible after 7 minutes of mixing, the addition of up to 5 oz of additional water per bag and/or the addition of $\frac{1}{2}$ oz of enFLOW per bag of enCOUNTER may be added to fluidize the mix, especially in low humidity environments. The increased wetting may cause excessive bleed water and possible segregation, but will not cause significant strength loss. Allow a minimum of 10 minutes mixing time to allow enFLOW to fully react and for enFORCE to fully disperse throughout the mix. This same procedure is used with enVISIONS, the reflective casting mat with the enFORCE being optional.

NOTE: Add enFLOW to the mix water. Add Air-Minus after adding enCOUNTER.

The mix may appear dry and not fluid while mixing. Test by stopping the mixer and reach for a handful with a gloved hand. The mix should drop off the paddles and "ooze" in your hand. Be careful not to add any more water and enFLOW than necessary to achieve your desired results. It is recommended to mix one bag trial batches, to determine what water/enFLOW ratio best works in your application and environment.

CAUTION: The enCOUNTER mix (when so modified) will take on a false set and solidify when left standing in the mixer after only a few minutes – be careful when restarting the mixer. The batch may stick to the drum as it turns and be off center enough to upset the mixer.

PLACING: Pour the mix from the mixer into buckets and then pour directly into the mold or onto the formed surface. A wheel barrel and a shovel won't do it!

TO ACCELERATE: The use of a non-chloride accelerator and/or hot water will hasten early strengths. 6 oz of a liquid NCA or two 5.6 oz packs of Fritz-Pak NCA will provide the maximum acceleration rate.

NOTE: This is an upside down precast process, not a "top up" method of casting. enFLOW and enFORCE make normal finishing procedures difficult.

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CIMARRON

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