

Thin Wall Panels

Technical Data Sheet (02/04/14)
AN UPSIDE DOWN PRECAST PROCESS



DESCRIPTION

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 thickness of $\frac{3}{4}$ inch and greater.

INGREDIENTS

Suggested formula for one bag of enCOUNTER: 1 ounce of enFLOW; 64 ounce water; 2 ounce of enFORCE

SEQUENCE

Add water and enFLOW to the mixer drum and add the bags of enCOUNTER. If small balls of enCOUNTER are visible after 7 minutes of mixing, the addition of up to 5 ounce of additional water per bag and/or the addition of $\frac{1}{2}$ ounce of enFLOW per bag of enCOUNTER may be added to fluidize the mix, especially in low humidity environments.

NOTE: The increased water and enFLOW 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 the enFORCE fibers to fully disperse throughout the mix. enFORCE is suggested for larger panels (larger than 30" X 30"). enFORCE will not show in the demolded face, only on the upper side when casting.

TIPS

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.

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 possibly creating an unsafe condition.

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 (Non-Chloride Accelerator) or two 5.6 oz packs of Fritz-Pak NCA will provide the maximum acceleration rate.

PRECAUTIONS AND LIMITATIONS

- Keep out of reach of children.
- Use appropriate personal safety protection gear such as particle masks, eye protection and gloves.
- Thin Wall technology is an upside down precast process, not a "top up" method of casting. enFLOW and enFORCE make normal finishing procedures difficult.
- The statements made within this technical data sheet, SDS, product labels, etc are guidelines only. The end user should always perform tests and product evaluations prior to application to ensure suitability for particular uses.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 866-906-2006.

WARRANTY

SS Specialties warrants our products to be of good quality, free of defects and will conform to our published specification in force on the date of acceptance of the order. As the exclusive remedy for breach of this warranty, SS Specialties will replace defective materials ninety days after SS Specialties has shipped the product, all our warranty and other duties with respect to the quality of materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates, and no action for breach of any said duties may thereafter be commenced. No warranty is expressed or implied as to the length of life of this product or merchantability or fitness. Liability, if any is limited to the purchase price of the material under no circumstances will SS Specialties be liable for a consequential damage to any in excess of the purchase price of their product.



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