

This is an abbreviated guide and is not intended as a substitute for the Long Form CAFECO 400 AC & 400 ES / ISOLATEK Type 400 AC & 400 ES Application & Installation Manual. Applicator shall completely and fully read and understand the Long Form Application & Installation Manual prior to applying this product.

CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES is specifically designed for a delayed set time, allowing the slurry to remain in the hose for up to 72 hours. This provides the applicator the ability to reduce start-up and wash out times, saving time and money, as well as increasing productivity. **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** is easily identifiable by its red color.

CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES is mixed in a paddle or ribbon type mixer and spray applied with a mechanical piston, hydraulic piston or rotor stator pump. The use of **ISOLATEK QWIK-SET®** is required and must be introduced as per the instructions in the Application and Installation Manual. Material is pumped through a 1 to 3 in. (25 to 77 mm) ID high pressure plaster hose and applied with a standard plaster type spray nozzle with air atomization at the tip.

Other than the guidelines as listed below, **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** must be installed in accordance with the guidelines as noted within the CAFECO 400 AC / ISOLATEK Type 400 AC and CAFECO 400 ES / ISOLATEK Type 400 ES Application & Installation Manual.

APPLICATION:

1. At the end of the application day, begin mixing **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** in lieu of standard **CAFECO 400 AC / ISOLATEK Type 400 AC**. At this point, the **ISOLATEK QWIK-SET** accelerator pump should remain on as required per the **CAFECO 400 AC / ISOLATEK Type 400 AC** long form application manual.
2. Mix 9.5 US Gallons (36 L) of water per bag of **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** and mix for two minutes for overnight use. Mix 10.5 US Gallons (40 L) of water per bag of **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** and mix for two minutes for maximum 72 hour use.
3. Continue the spray application of standard **CAFECO 400 AC / ISOLATEK Type 400 AC** in conjunction with the **ISOLATEK QWIK-SET** solution. This will clear the hoses of standard material and fill them with **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES**.
4. Pump the **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** slurry until the red tinted material is seen at the spray nozzle. Continue to pump until the **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** level in the pump hopper is 1/4 full or less. Then turn off the accelerator pump and **ISOLATEK QWIK-SET** feed valve at the injection point.
5. Once the accelerator pump is off, continue to pump until the whip hose has been cleared of all accelerated **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES**. Turn the pump off.
6. Once the pump is off, scrape down the sides of the material pump hopper.
7. Cover the surface of the remaining slurry in the hopper with plastic sheeting. This will prevent moisture evaporation.
8. Remove the nozzle orifice and **completely submerge** spray nozzle in a container of water.
9. Before restarting, remove the plastic sheeting on the pump hopper. Take the spray nozzle out of the water. Install nozzle orifice on the spray nozzle.
10. Prepare **ISOLATEK QWIK-SET** accelerator solution in accordance with standard application instructions.
11. Mix a batch of standard **CAFECO 400 AC / ISOLATEK Type 400 AC** and place into the pump hopper.
12. Turn on the **ISOLATEK QWIK-SET** accelerator pump and begin pumping the **CAFECO 400 AC / ISOLATEK Type 400 AC** slurry using **ISOLATEK QWIK-SET** accelerator solution in accordance with standard application instructions.
13. A thin coating of **CAFECO 400 AC / ISOLATEK Type 400 AC** material can be applied over the **CAFECO 400 ES Extended Set / ISOLATEK Type 400 ES** product which has been sprayed to cover the tinted material.

For additional information, please contact the Technical Service Department.



Brand

Isolatek International provides passive fireproofing materials under the CAFCO® and FENDOLITE® trademarks throughout the Americas and under the ISOLATEK® trademark throughout the world.

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