



December 17, 2014

CREST PRECAST, INC.
STEVE MADER
609 KISTLER DR
LA CRESCENT MN 55947-1721

Re: Description: SEWAGE TREATMENT APPARATUS & TANK SYSTEM [SEE STA -SEWAGE TREATMENT APPARATUS]
Manufacturer: CREST PRECAST, INC.
Product Name: BIO-MICROBICS MICRO FAST 9.0 AND HIGH STRENGTH FAST 9.0
Model Number(s): 10,000
BIO-MICROBICS MICRO FAST 9.0 AND HIGH STRENGTH FAST 9.0

[SEE MAX. DWF AND INFLUENT CHARACTERISTICS SO LISTED IN APPROVAL LETTER FOR EACH PRE-TREATMENT UNIT; TANK DIMENSIONS = 288 IN. L X 121 IN. W X 71 IN. H]
Product File No: 20140335

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of December 2019.**

This approval supersedes the approval issued on 7/21/2010 under product file number 20100277.

This approval is contingent upon compliance with the following stipulation(s):

- This product is approved to use a department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
- This product is approved to use the following:
 - Press Seal "Cast-A-Seal" gaskets
 - Dual or triple inlets at end of tank with one access or multiple openings above each inlet.
 - Dual or triple outlets end of tank with one access or multiple openings above each outlet.
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Tuf-Tite manhole risers and covers.
 - Bottom and side pipe openings for siphon, pump and holding tanks.
 - Six inch inlet and outlet openings.
- This product is approved to use "Cast-A-Seal" mechanical adapters for all pipe connections.
- A Sedimentation tank(s) or compartment(s) with a minimum capacity of 2000 gallons must be located upstream of this sewage tank apparatus.
- This tank must be designed to withstand the pressures to which it will be subjected.

- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- 1. A copy of this approval letter must be supplied to the buyer and installer of each tank sold.
 2. All laitance, loose or foreign material must be removed from each joint surface prior to the sealant being applied.
 3. Continuous sealant meeting Federal Specification SS-S-00210-A must be applied to each tongue and groove wall joint.
 4. After placement of the concrete sections on the sealant, continuous squeeze-out of the sealant must be visible inside and outside the tank.
 5. A certified plumbing inspector must confirm compliance with limitations 2, 3 and 4 above, by direct observations during each process.
- This product must be installed in accordance with the manufacturer's printed instructions, product approval and the plan approval. If there is a conflict between the manufacturer's instructions and the plan approval, the plan approval will take precedence.
- Bedding: Tanks must be placed on soils capable of bearing the weight of tank and its contents, when full. Soft soils or bedrock must have 3 inches of tamped material, sand or gravel, 100% of which passes ½ -inch screen.
- Backfill: Sidewall-backfill must consist of material 100% of which will pass through a 2-in. screen and be made up of dry soil, sand or gravel. A minimum (avg.) of 12 inches on all sides of the tank from base to top is recommended. No parallel backfilling or compaction along the sidewalls is recommended. No wheel-tracking or track loading on sidewalls is recommended. Cover-backfill up to 7-feet of loading must be dry and pass through 4-inch screen.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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