



Scott Walker, Governor
Dave Ross, Secretary

March 25, 2016

Identification Numbers
Transaction ID No. 2673062
Site ID No.
Please refer to both identification numbers, above, in all correspondence with the agency.

CUST ID No. 1316954

BRUCE WIESER
ALS CONCRETE PRODUCTS INC
800 TOWNHALL ROAD
LA CRESCENT MN 55947

PLAN APPROVAL EXPIRES: 03/31/2021

Re: Description: SEWAGE TANKS, CONCRETE
Manufacturer: AL'S CONCRETE PRODUCTS, INC.
Product Name: (trans id 2673062) SEPTIC, HOLDING, PUMP OR SIPHON
Model Number(s): 5366 (HOLDING), 5235 (SEPTIC, SIPHON OR PUMP)

(85.0 in. L.L., 65.4 GAL/IN., 96 in. MAX. DEPTH OF BURY, 2539 G.P.D. WHEN USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; TANK DIMENSIONS (OD) = 192 IN. L X 96 IN. W X 105 IN. H]

Product File No: 20160048

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 March 2021.**

This approval supersedes the approval issued on 6/15/2011 under product file number 20110196.

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

- 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.

- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 greater than 30 mg/L but less than or equal to 220 mg/L, TSS greater than 30 mg/L but less than or equal to 150 mg/L and F.O.G. less than or equal to 30 mg/L.
- This product is approved to use the following:
 - Pipe materials constructed in conformance with Table 384.30-2 or 384.30-11, Wis. Admin. Code poured into tank cover or access cover.
 - Four inch discharge opening in riser.
 - Bottom and side pipe openings for siphon, pump and holding tanks.
 - Six inch inlet and outlet openings.
 - Two inch schedule 40 PVC cast in riser for electrical wiring.
 - Press Seal "Cast-A-Seal" and PSX Gasket System by Press Seal Gasket Corp., Polylok II High Pressure Pipe Seal by Polylok, and A-Lok X-Cel by A-Lok Products, Inc..
 - Dual inlets at end of tank with one access opening above both inlets.
 - Dual inlets at end of tank with one access opening above each inlet.
 - Department approved effluent filter designed to be installed in a four inch diameter tee with extension and installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - A concrete panel slid into a groove in the sidewalls to create a 2 compartment septic tank to aid in the settling out of solids in the effluent.
 - 20" Riser and Cover (3009 & 3009-RC) and 24" Riser and Cover (3008 & 3008-RC) by Polylok.
- Bedding: A minimum of 4 in. sand or gravel bedding overlying a firm and uniform base is recommended, unless otherwise specified. Tanks should not bear on large boulders or massive rock edges. Correct compaction of bedding material is critical to ensure there is no differential settling.
- 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 (average) of 12 inches on all sides of the tank from the base to the top is recommended. No parallel backfilling or compaction along the sidewalls is recommended. No wheel tracking or track loading on the sidewall is recommended. Cover-backfill up top 7-feet of loading must be dry and pass through a 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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