



December 6, 2011

VAN HANDEL CONCRETE PRODUCTS  
KEN VAN HANDEL  
5325 N. BALLARD RD.  
APPLETON WI 54913-8941

Re: Description: SEWAGE TANKS, CONCRETE  
Manufacturer: VAN HANDEL CONCRETE PRODUCTS  
Product Name: SEPTIC, HOLDING OR PUMP  
Model Number(s): 1000  
(44 IN. L.L., 22.80 GAL/IN., 24 In. MAX. DEPTH OF BURY, 480 G.P.D. WHEN USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; **TANK DIMENSIONS = 105.25 IN. L X 59.5 IN. W X 38.5 IN. H**)  
**Product File No: 20110361**

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, 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 January 2017.**

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

- This product is approved to use the following:
  - Four inch pipe inlet located in the edge of the tank cover.
  - Four inch discharge opening in riser.
  - Two inch schedule 40 PVC cast in riser for electrical wiring.
  - Four inch pipe openings located near the bottom of the side or end wall for siphon, pump and holding tanks.
  - Steel locking cover for the access opening.
  - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover or access cover.
  - Eight inch threaded plugged opening in access cover.
  - Six-inch diameter opening in lower portion of the interior wall for siphon, pump and holding tanks.
  - 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 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.
- 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 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.

- **AS OF MARCH 1, 2009, SECTION COMM 84.10 WAS MODIFIED AND THE REVIEW OF EXTERIOR GREASE INTERCEPTORS AS A PLUMBING PRODUCT IS NO LONGER REQUIRED. REVIEW WILL BE CONDUCTED AT THE TIME OF PROJECT-SPECIFIC PLAN REVIEW.**
- **BEDDING: Bedding material must be sand or granular materials, not to exceed ¾ inches in diameter. A four (4)-inch layer of bedding material must be compacted level in the bottom of the excavation.**
- **BACKFILL: The tank can be backfilled with the excavated material provided that it does not contain large stones or frozen chunks of soil. Backfill material must be placed and compacted in layers, each layer not to exceed 24 inches in thickness.**

This approval supersedes the approval issued on 4/25/2007 under product file number 20070052.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070052.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

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,

Jean M. MacCubbin, CST  
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