



Scott Walker, Governor
Dave Ross, Secretary

May 12, 2014

PERMA LINER INDUSTRIES LLC
 COLE PERKINS/ JERRY D'HULSTER
 13000 AUTOMOBILE BLVD. SUITE 300
 CLEARWATER FL 33762

Re: Description: PIPE LINER
 Manufacturer: PERMA LINER INDUSTRIES LLC
 Product Name: PERMA-LATERAL AIR INVERSION SYSTEM
 Model Number(s): 2", 3", 4", 6", AND 8"
 Product File No: 20140109

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 alternate approval to s. SPS 384.30 (2) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of May 2019.

This alternate is required because the finished pipes resulting from this pipe lining methodology do not conform to the standards displayed form piping in s. SPS 384.30 (2).

This approval supersedes the approval issued on August 11, 2009 under product file number 20090284.

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

- The 4", 6" and 8" size of is product shall be installed in accordance with ASTM Standard F 1216 - 93.
- This product may be installed for the following drain or vent use(s):
 - a. Building Drain gravity flow, underground
 - b. Building Sub Drain gravity flow, underground
 - c. Sanitary Sewer gravity flow
 - d. Private Interceptor Main sewer gravity flow
 - e. Building Drain gravity flow, underground
 - f. Building Sub Drain gravity flow, underground
 - g. Sanitary Sewer gravity flow
 - h. Private Interceptor Main Sewer gravity flow
 - i. Storm Sewer. gravity flow
- Piping using this product is limited to receive the maximum drainage fixture units indicated in the following table:

Maximum Number of Drainage Fixture Units Which may Drain Through Any Portion of a Building Drain, Building Sub drain, Building Sewer or Private Interceptor Sewer

Pipe Diameter	Pitch (inch per foot)			
	1/16	1/8	1/4	1/2
2"	NP	NP	4	6
3"	NP	22	26	31
4"	NP	129	155	179
6"	NP	560	672	800
8"	1185	1355	1626	1947

NP means not permitted

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- This product shall be labeled with Perma-Liner Industries, Inc., Perma-Liner Lateral System with pipe size on the product.
- The 3" size of is product shall be installed in accordance with the manufacturer's printed installation instructions.

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,

Glen W. Schlueter
Environmental Engineer - Plumbing Product Reviewer
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Division of Industry Services
Bureau of Technical Services
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