

Mike E

STATE OF OREGON  
BUILDING CODES DIVISION  
INTERPRETIVE RULING NO 97-9

USE OF LMK ENTERPRISES, INCORPORATED SEWER PIPE LINING SYSTEM

**QUESTION:** Should the LMK Enterprises, Incorporated sewer lining system be permitted as an alternate material and method for repair of existing sewer systems?

**Asked by:** Dennis Kottke, Kottke Underground Technologies, P.O. Box 937, Medford, OR 97501

**BACKGROUND:** The Division received a request for approval of the LMK Enterprises sewer lining system in May from Dennis Kottke representing LMK Enterprises. The Plumbing Board reviewed information about the application of this system June 20, 1997 and August 15, 1997.

**FINDINGS:** Current Plumbing Code provisions allow for alternate materials and methods of installation. This product is designed for use to repair existing building sewer systems where replacement of piping is not a reasonable option. This product is not intended to be used for new installations which fail to meet the required pressure or water testing required by the plumbing code.

This ruling is limited to the approval of the product and application standard for use of the LMK Enterprises sewer lining system. Application of the product to a specific building sewer installation requires local approval of the inspecting jurisdiction under section 301.2, of the 1996 edition of the Oregon State Plumbing Specialty Code.

Testing results provided by the manufacturer show the proposed design of the system is satisfactory and complies with the intent of the Code and the material offered is for the purpose intended, in quality, strength, effectiveness, durability and safety to that prescribed in the 1996 Oregon State Plumbing Specialty Code.

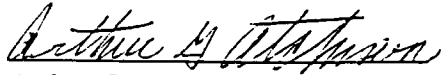
**DISCUSSION AND CONCLUSIONS:**

**Authority.** ORS 455.060 authorizes the Division to issue binding interpretive rulings on the building codes and on acceptability of materials, design or method of construction. Advice received from the Attorney General in OP 5208, October 1, 1981.

**Code or factual issues to be resolved.** Due to the above technical and scientific facts, the Plumbing Board finds the materials, installation standards and construction of the LMK Enterprises sewer lining system listed in this ruling, installed in accordance with section 301.2, of the 1996 Oregon State Plumbing Specialty Code, is equivalent in quality, strength, effectiveness, durability and safety as other methods addressed in the code.

**Analysis:** The use of the LMK Enterprises sewer lining system has been tested by Iowa State University testing facility, as meeting the requirements of the ASTM F 1216-89 performance standard. This standard is the appropriate standard for consideration of this lining system.

**Conclusion:** When installed properly and within the limitations of this ruling the use of the LMK Enterprises sewer lining system, is equivalent to current code approved products.

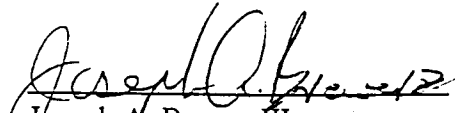


Arthur G. Atchison  
Chairman, Plumbing Board

10/10/97

Date

The recommendations and findings of the Board are accepted and the Interpretation is adopted effective immediately.

  
Joseph A. Brewer III  
Administrator

10/14/97

Date