

PRODUCT MANUFACTURER:

LINE-X® LLC
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GENERAL PRODUCT DESCRIPTION:

LINE-X CU-400 is a 1:1 by volume self-leveling, low-pressure castable elastomeric polyurethane lining system. CU-400’s chemistry is formulated to provide extremely high impact, high abrasion, high tensile and high tear strength properties. CU-400 is 100% solid and contains zero VOC’s (volatile organic compound). This product is ideal for protective linings in service environments where there is a high demand for protection against abrasion and impact, as well as a need for extreme tensile strength. CU-400 is dispensed through a disposable static mixer via a low-pressure variable output electric motor. With a 2-3 minute gel time, self-leveling chemistry and high molecular weight polymer formulation, CU-400 produces an extremely dense and tough lining material.

APPLICATION GUIDELINES:

Both ISo “A” Side and Resin “B” Side should be preconditioned between 70° F – 90° F before application.

MATERIAL STORAGE:

LINE-X CU-400 must be stored between 65° F – 80° F. Do not expose unused materials to humid conditions; always provide air-tight resealed conditions to unused materials.

SAFETY AND HANDLING:

Please refer to MSDS for safety and handling of this material. All personnel working with this material are expected to read and understand the safety recommendations per MSDS. All personal protection equipment must be properly worn to protect worker health and safety.

CHEMICAL TECHNICAL DATA:

Mix Ratio By Volume	1A:1B
Gel Time	2 – 3 Min
Tack Free Time	15 – 20 Min
Viscosity (cPs) @ 77 Deg. F.	
“A” ISo Side	550 ± 50
“B” Resin Side	1,000 ± 50
Material Density (lbs/gal) @ 77 Deg. F.	
“A” ISo Side	9.6 lbs/gal

“B” Resin Side 8.9 lbs/gal

BASIC PHYSICAL PROPERTIES:

<u>Test Name</u>	<u>Test Methods</u>	<u>Value</u>
Hardness Shore D	ASTM D2240	67 ± 2
Elongation	ASTM D412	38% - 42%
Taber Abrasion	ASTM D4060	12 mg loss
(mg Loss/1000 Cyls)		
Tear Strength	ASTM D624	850 – 950 lbs/in.
Tensile Strength	ASTM D412	2,800 – 3,200 PSI
Casted Density (lbs/ft3)		72 ± 2

PRODUCT USER RESPONSIBILITIES:

Users of the LINE-X CU-400 product are responsible for reading the general guidelines, product data sheets, specifications and material safety data sheets (MSDS) before using this material. Printed technical data and instructions are subject to change without notice. For additional information or for current technical data instructions, contact a LINE-X representative or visit www.Line-x.com.

PRODUCT DISCLAIMER:

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user’s responsibility to satisfy himself, by his own information and test to determine suitability of the product for his own intended use, application and job situation. User assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LINE-X makes no claim that these tests or any other tests accurately represent all environments.