

PRODUCT MANUFACTURER:

LINE-X LLC
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GENERAL PRODUCT DESCRIPTION:

LINE-X CU-460 is a 1:1 by volume self-leveling, low-pressure castable elastomeric pure polyurea lining system. CU-460 is formulated to provide good impact, high abrasion, high tensile and high tear strength properties. CU-460 is 100% solid and contains zero VOC's (volatile organic compound). This product is ideal for protective linings in service environments where moisture insensitivity is required. CU-460 is dispensed through a disposable static mixer via a low-pressure variable output electric motor. With a <90 second gel time, self leveling chemistry and high molecular weight polymer formulation, CU-460 produces a dense and tough lining material for a variety of commercial and industrial applications.

APPLICATION GUIDELINES:

Both ISO "A" Side and Resin "B" Side should be preconditioned between 70 - 90°F (21-32°C) before application.

CHEMICAL TECHNICAL DATA:

Mix Ratio by Volume:	1A:1B
Gel Time:	65-85 seconds
Tack Free Time:	7-9 minutes
Viscosity (cps) @ 77°F/23°C	
"A" Iso Side:	750 ± 100 (Spindle #4, 100rpm)
"B" Resin Side:	500 ± 100 (Spindle #4, 100rpm)
Weight per Gallon (liter)	
"A" Iso Side:	9.31 lbs/gal (1.1 kg/lt)
"B" Resin Side:	8.51 lbs/gal (1.0 kg/lt)

BASIC PHYSICAL PROPERTIES:

Hardness Shore D	ASTM D2240	60 – 62
Elongation	ASTM D412	300-365%
Tensile Strength	ASTM D412	1950 -2110 psi
Tear Strength	ASTM D624	640-661 lbs./in.
Taber Abrasion	ASTM D4060	16 mg loss/1000 cycles
Density	ASTM	67 lbs/ft ³

LIMITATIONS:

Application-specific processing parameters such as temperature, operating pressure and moisture sensitivity of the substrate must be considered before installing CU-460 coating systems. Contact your LINE-X representative before use.

STORAGE:

CU-460 must be stored between 60 - 100°F (15 - 40°C). Do not expose unused materials to humid conditions; always provide air-tight resealed conditions to unused materials.

MATERIAL CLEAN UP:

Application equipment should be cleaned immediately after use following manufacturer's recommended procedures. Cleaning materials must be free of reactive contaminants such as water and alcohol. All gun cleaners and spray equipment cleaning materials must be used and disposed of as permitted under local rules and regulations.

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 all safety recommendations per MSDS. All Personal Protection Equipment must be properly worn to comply with worker health and safety requirements.

PRODUCT USER RESPONSIBILITIES:

Users of LINE-X CU-460 product are responsible for reading the general guidelines, product data sheets, specifications and material safety data sheets (MSDS) before using these materials. Printed technical data and instructions are subject to change without notice. Contact your local LINE-X representative.

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



TECHNICAL DATA SHEET – LINE-X® CU-460

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 LLC makes no claim that these tests or any other tests accurately represent all environments.

