



Product Technical Data Sheet

LINE-X XS-BK-130

GENERAL PRODUCT DESCRIPTION:

LINE-X XS-BK 130 is a two-component, high performance elastomeric aromatic polyurea/polyurethane hybrid spray elastomer system. Zero VOC (Volatile Organic Compounds), 100% solid. LINE-X XS-BK 130 offers outstanding performance as an impact absorbing material due to its exceptional flexibility and elongation properties. LINE-X XS-BK-130 is designed as a user friendly product with a built-in activator for quick cure times.

APPLICATION GUIDELINES:

Both the Iso "A" Side and Resin "B" Side should be preconditioned between 70° – 90° F before application.

LINE-X XS-BK 130 must be applied using high-pressure, plural component, heated, 1: 1 by volume, spray equipment with 2000 PSI fluid pressure capability.

LINE-X XS-BK 130 material (both Iso "A" Side and Resin "B" Side) should be heated between 120° – 150° F. Spray equipment must generate adequate fluid pressure for proper mixing and best polymerization results.

APPLICATION EQUIPMENT:

LINE-X XS-BK 130 is designed to be sprayed through high pressure impingement mixing equipment. Plural component spray equipment must have material heat-control capability, 1: 1 by volume, can sprayable with round or flat tip. Refer to equipment manufacturer for equipment specifics and accessories.

EQUIPMENT SETTING PARAMETERS:

Iso "A" and Polyol "B" components must be pumped by low-pressure transfer pumps to a suitable high-pressure proportional pumping system.

Temperature Settings:

Iso "A" Block Heater: 140 – 160 Deg. F
Resin "B" Block Heater: 140 – 160 Deg. F
Hoses (Iso and Polyol): 130 – 150 Deg. F

Hydraulic Pressure Setting:

Equipment Hydraulic Pressure: 2,000 – 2,500 PSI

EQUIPMENT CLEAN-UP:

Spray equipment should be cleaned immediately after use following equipment manufacturer's recommended procedures. Please refer to spray equipment operating and maintenance procedures for further details. LINE-X XS-BK 130 should be cleaned with environmentally safe urethane-grade cleaners. 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.

MATERIAL STORAGE:

LINE-X XS-BK 130 has a shelf life of twelve (12) months from manufacture date in factory sealed containers.

LINE-X XS-BK 130 should be stored between 65° F – 80° F. Do not expose unused materials to high humidity conditions. Always provide airtight reseal conditions to unused materials. For materials that are currently connecting to the pumps, always provide as much airtight and moisture-free conditions to unused materials as possible to ensure proper chemical performance.

Drums should be stored on pallets to avoid direct contact with the warehouse floor/ground.



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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.

CHEMICAL TECHNICAL DATA:

Mix Ratio By Volume	1A:1B
Gel Time	6-9 Sec
Tack Free Time	9-12 Sec
Viscosity (cPs) @ 77 Deg. F.	
"A" Iso Side	550±100
"B" Resin Side	575±100
Material Density (lbs/gal) @ 77 Deg. F.	
"A" Iso Side	9.6 lbs/gal
"B" Resin Side	8.7 lbs/gal

BASIC PHYSICAL PROPERTIES:

Test Name	Test Methods	Value
Hardness Shore D	ASTM D2240	33 - 38
Elongation %	ASTM D412	135-150
Tear Strength, pli	ASTM D624	320-350
Tensile Strength, psi	ASTM D412	1,300-1,500
Density (lbs/ft ³)		60-62

PRODUCT USER RESPONSIBILITIES:

Users of LINE-X XS-BK 130 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 or visit our website at www.LineX.com for current technical data instructions.

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