



**Polecrete®**  
**STABILIZER HD**

**POLECRETE STABILIZER HD** is a nominal 6.0 pcf density rigid urethane foam system.

**PROCESS APPLICATION**

**POLECRETE STABILIZER HD** systems are used for setting and straightening utility structures.

**PROPOSED USES**

- Transmission poles
- Luminaries
- Distribution poles
- Fencing applications

**PHYSICAL PROPERTIES**

Mix Ratio, by Volume	1 Part A, 1 Part B
Demold Time, @ 25°C (77°F)	15 minutes
Free Rise Core Density (ASTM D1622)	6.0 pcf ± 0.2
Compressive Strength (ASTM D1621)	150 psi
Flexural Strength (ASTM D203)	150 psi
Shear Strength (ASTM C273)	100 psi
Tensile Strength (ASTM D1623)	150 psi
Water Absorption (ASTM D2127)	0.05 lb/ft <sup>2</sup>

*Third Party Testing Available*



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**SAFETY:**

When working with any chemicals it is necessary to wear eye protection and gloves. It is necessary to understand hazards involved in handling all components, establish and follow safe work procedures, and comply with all OSHA, DOT, and EPA Regulations. Refer to SDS for specific details. All persons who work with components must know and follow proper safe handling procedures.

**SHELF LIFE:**

Twenty-four (24) months from date of manufacture when stored in original, unopened, containers at temperatures between 65–80°F. Consult with FSI before disposal or return if components exceed shelf life.

**HANDLING:**

As with all chemicals, care should be exercised when handling. Avoid contact with eyes, skin, and clothing. Eye protection and gloves are considered a minimum requirement and should be worn at all times while working with components. Refer to SDS for specific details regarding handling requirements.

**STORAGE:**

Do not store in direct sunlight. Containers should be stored under cover and protected from contact with rain or snow. Water should not be able to accumulate where it can be drawn into the containers. Ideal storage temperatures are 50°F (10°C) to 75°F (24°C). Keep containers sealed until use. Refer to SDS for further information or contact FSI for assistance.

**STEWARDSHIP:**

FSI and its subsidiaries are committed to stewardship and have a concern for the health and safety of all individuals who come in contact with its products, as well as the environment. This philosophy is a foundation on which we assess information to appropriately protect individuals and preserve our environment. Success of stewardship rests with each and every individual involved in the cradle to grave life cycle of our products.

**CUSTOMER RECOMMENDATIONS:**

FSI strongly encourages customers to review their manufacturing, health, safety, and environmental processes and applications while evaluating its products.

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**NOTICE TO USERS:** FSI products can be used to prepare a variety of polyurethane and other products. FSI strongly encourages users to review both their manufacturing processes and their applications of FSI products to ensure that FSI products are not used in ways for which they are not intended or tested. FSI personnel are available to answer your questions and to provide reasonable technical support.

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