

««SPECIFIED

SCT 55FS

TWO COMPONENT POLYUREA PROTECTIVE COATING

TECHNICAL DATA SHEET

FEATURES & BENEFITS

- High Build Elastomeric
- Excellent Thermal Stability
- Abrasion Resistance
- Quick Drying
- Impact Resistant
- 100% Solids / Zero VOC's
- Good Chemical Resistance
- Meets USDA Criteria

TYPICAL USES

- Containment Areas
- Vapor Barriers
- Utility Vehicles
- Waterproof Decking
- Industrial Flooring
- Structural Steel

AVAILABLE IN:

- 275 gallon totes
- 55 gallon drums

SCT 55FS is a high performance, 100% solids pure polyurea elastomer system. This rapid curing system is 1:1 ratio by volume designed to be sprayed with high-pressure plural component spray equipment. SCT 55FS is designed for a variety of industrial applications on substrates including but not limited to metal, concrete, rigid foam, fiberglass & wood featuring excellent toughness and quick tack free times. This versatile system is designed to allow for spraying at increased thicknesses including vertical substrates.

PERFORMANCE DATA

| Physical Properties | Value | Test Method |
|------------------------|-----------------|-------------|
| Hardness (Shore D) | 50-55 | ATSM D2240 |
| Tensile Strength (psi) | 3,100 ± 200 | ASTM D412 |
| Elongation (%) | 400 ± 50 | ASTM D412 |
| Tear Strength (pli) | 460 ± 40 | ASTM D412 |
| Flash Point | >200°F (93.3°C) | |
| Gel Time (seconds) | 4-8 | |
| Tack Free (seconds) | 30-45 | |

NOTE: TEST RESULTS WERE OBTAINED IN A CONTROLLED LABORATORY ENVIRONMENT AND SPECIFIED MAKES NO CLAIM THAT THE TESTS RESULTS ACCURATELY REPRESENT ALL ENVIRONMENTAL OR JOBSITE CONDITIONS.

For more information, visit us online at www.SpecifiedGroup.com

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COLORS

For questions regarding Application or Surface Preparation, please contact your Specified representative.

Standard Colors:

- Tan
- Covert Green
- Shale Green
- Carlsbad Canyon
- Black

Note: Any color available upon request

COVERAGE:

SCT 55FS may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1600 sq. ft.

EQUIPMENT GUIDELINES:

- Spray Pressures (psi) \geq 2250
- Pre-Heater/ Hose Temperature of 155°F - 170°F
- 1:1 Ratio, High Pressure, Plural Component Spray Equipment
- Both Part-A and Part-B material should be preconditioned at 80-90°F before application.

STORAGE RECOMMENDATIONS:

Equal volumes of parts "A" and "B" are proportioned and dispensed through high pressure, high temperature spray equipment. SCT 55FS should be stored at room temperatures 59°F-77°F (15°C-25°C) in unopened, factory sealed containers.

MIXING:

SCT 55FS may not be diluted under any circumstances. Thoroughly mix SCT 55FS Part-B (Resin side) with air driven power equipment until a homogeneous mixture and color is obtained.

LIMITED WARRANTY: Read all information in the product data sheets, and material safety data sheets (MSDS) before applying material. Product information and instructions are subject to change without notice. Contact your Specified agent or visit our website for current product information and instructions. Products manufactured and/or distributed by SCT are free of defects and will meet SCT's current published physical properties. There are no other warranties given by SCT of any kind implied, or expressed, including any warranty of fitness for a particular purpose, and/or merchantability in connection with this product.

DISCLAIMER: The data and information contained herein doesn't create a material or sales specification. The information contained in this data sheet does not guarantee that any hazards listed herein are the only ones which may occur. Product and application instructions are provided for the purpose of establishing a general profile and that they will meet SCT's current published physical properties. Specified Containment Solutions makes no claim as to the accuracy of the information, but every effort has been made to ensure the accuracy of information contained in the Technical Datasheet. The end user should check the suitability of this product for its intended application prior to use.

SPECIFIED COATING TECHNOLOGIES

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