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Document ID/Title	
<p><u>AY-102 A Guide for Selection of Elastomeric Protective Coatings Over Sprayed Polyurethane Foam</u></p>	<p>A 19 page guideline covering the generic types of elastomeric coatings, the why and how to achieve the best performance for the life of a warranty. Flammability and code issues are discussed and design considerations for selection of certain coatings is explained. Also included are physical property tests for elastomeric coatings. All five acceptable and non-acceptable profiles for SPF texture are shown and defined in actual copies of photos.</p>
<p><u>AY-103 Spray Polyurethane Foam Insulation Systems For Metal Service Vessels Operating Between -35 oC (-30 oF) and 93 oC (200 oF)</u></p>	<p>25 Pages including 9 Detail drawings and the 5 SPF photos showing the profiles of acceptable and non-acceptable SPF applications. Acceptable steel surface substrates, prior to priming are explained and safety on the job is emphasized. Repair of SPF surfaces is also discussed. If you apply SPF to tanks and piping, or plan to this guideline is a "must have."</p>
<p><u>AY-104 Spray Polyurethane Foam Systems for New and Remedial Roofing</u></p>	<p>There are 26 Illustrated design details included in this 46-page document, which is the most important guideline for the SPF roofing contractor or his/her applicator. Necessary properties for both SPF and elastomeric coatings are shown and discussed.</p>
<p><u>AY-107 Spray Polyurethane Foam Blisters</u></p>	<p>What causes blisters? How can blisters be prevented? Different types of blisters are discussed and repair procedures are spelled out in this 6-page document. In many cases, a SPF roof that contains blisters can be repaired and a costly and complete tear-off may not be necessary.</p>
<p><u>AY-110 Spray Polyurethane Foam Aggregate Systems for New and Remedial Roofing</u></p>	<p>This is an 18-page document that details considerations dealing with SPF aggregate systems and new and remedial roofing.</p>
<p><u>AY-111 Spray Polyurethane Foam Systems for Cold Storage Facilities Operating Between - 40 oC and + 10 oC (- 40 oF and + 50 oF)</u></p>	<p>For those designing cold storage facilities and utilizing the insulating qualities of SPF, this document is a must. The importance of certain items such as vapor retarders and pull-down schedules are addressed, along with thermal barriers and related roofing. Included in the 16 pages are three detailed illustrations.</p>

<p><u>AY-112 Spray Polyurethane Foam For Residential Building Envelope Insulation and Air Seal</u></p>	<p>This guideline consists of 15 pages and discusses the importance of job sequencing and scheduling, along with vapor retarders and thermal barrier applications. Four drawings are included showing wall and cathedral ceiling insulation applications.</p>
<p><u>AY-118 Moisture Vapor Transmission</u></p>	<p>A 15-page paper on moisture vapor transmission through SPF including tables and sample calculations.</p>
<p><u>AY-119 Glossary of Terms</u></p>	<p>24 pages of definitions from A to Z common to the SPF Industry.</p>
<p><u>AY-121 Spray Polyurethane Foam Estimating Reference Guide</u></p>	<p>Designed and compiled by the SPFA Technical Committee to include just about anything that could accept an SPF application. 64 pages of tables and calculations galore to assist your estimator and make his/her job easier and more accurate.</p>
<p><u>AY-122 The Renewal of Spray Polyurethane Foam and Coating Roof Systems</u></p>	<p>A 16-page document covering roof preparation, procedures and considerations including maintenance procedures.</p>
<p><u>AY-124 Wind Uplift</u></p>	<p>A four color, four-page brochure with photos showing the staying power of SPF during hurricanes Andrew and Hugo and a tornado in Plainfield, Illinois. An excellent handout and advertising sales tool.</p>
<p><u>AY-125 P-Rating Brochure</u></p>	<p>A color brochure consisting of two pages of an underside roof assembly fire-rated and tested for Building Code compliance by Underwriters Laboratories, Inc. This test qualifies a roofing system for use by the commercial/industrial builder.</p>
<p><u>AY-126 Thermal Barriers For The SPF Industry</u></p>	<p>Four pages including the SPFA "Statement Policy" and the importance of covering internal SPF applications with a thermal barrier having an index of 15, as soon as possible after the initial SPF application. The where and why of the Building Codes with a list of approved thermal applications.</p>
<p><u>AY-127 Maintenance Manual for Spray Polyurethane Foam Roof Systems</u></p>	<p>This nine-page manual, with photos, provides the building owner and maintenance personnel with a basic guideline for the maintenance and repair of SPF roof systems. This is the brochure that you leave with the building owner/manager when your project is finalizes.</p>
<p><u>AY-130 What is Sustainable Low-Slope Roofing?</u></p>	<p>When it comes to roofing, SPF is the answer and this colored brochure explains</p>

	why. Good for the initial sales approach and makes a good mailer.
<u>AY-134 Guideline for Insulating Metal Buildings with Spray Applied Polyurethane Foam</u>	17-pages including substrate considerations, vapor retarder applications, thermal barrier applications and four vapor drive details.
<u>AY-137 Spray Polyurethane Equipment Guidelines</u>	For those entering the SPF business in the selection of application equipment. Listed are the five equipment elements necessary to spray polyurethane foam. Included in the 12-pages are detailed drawings and photos of proportioners, pumps and spray guns
<u>AY-138 Guideline for Roof Assembly Evaluation for Spray Polyurethane Foam Roof System</u>	8-pages including roof surface assembly considerations. What is an acceptable substrate surface for SPF application? Criteria for recover, re-roof, and tear-off.
<u>AY-139 Recommendations for Repair of Spray Polyurethane Foam Roof Systems due to Hail and Wind Driven Damage</u>	Damage caused by wind driven missiles typically does not cause a SPF roof to leak. This damage can usually be repaired economically and does not require the roof to be replaced. This document provides a means to evaluate information collected from the investigation of an SPF roof system after damage has occurred and to make recommendations for the rehabilitation and/or repair of the damaged areas. 7-pages including photos of damage and how to repair it.
<u>AY-140 Spray Polyurethane Foam for Exterior Subgrade Thermal and Moisture Protection</u>	10-pages of Subgrade evaluation and preparation guidelines including waterproofing and moisture protection. A detail of a typical application is shown
<u>AY-141 Spray Polyurethane Foam and Cathedral Roofs and Cathedralized Attics</u>	To vent or not to vent is discussed for typical applications for SPF
<u>AY-142 A Guideline for Securing Roofing Components with SPF Adhesives</u>	Colored photos of typical jobs including single and dual component adhesives and how to apply them.
<u>AY-143 Primers: Why, When and How to Use Them</u>	5-pages detailing the necessity for a primer and which to use on what substrate.
<u>AY-144 Coating Equipment Guideline</u>	The purpose of this guideline is to assist those new to the spray polyurethane foam (SPF) business in the selection of equipment to apply protective coatings and primers. There are several types of coatings and primers that are used in conjunction with SPF.
<u>AY-145 Surface Texture Of Spray Polyurethane Foam</u>	SPF surface texture is the resulting surface

from the final pass of SPF. This document will address these.