



**EVALUATION REPORT**

**FLORIDA BUILDING CODE, 7<sup>TH</sup> EDITION (2020)**

**Manufacturer:** GACO, A DIVISION FIRESTONE BUILDING PRODUCTS *Issued December 17, 2020*  
 1245 Chapman Drive  
 Waukesha, WI 53186  
 (800) 331-0196  
[www.gaco.com](http://www.gaco.com)

**Manufacturing Plants:** Waukesha, WI

**Quality Assurance:** UL LLC (QUA9625)

**SCOPE**

**Category:** Roofing  
**Subcategory:** Cements -Adhesives-Coatings  
**Code Edition:** Florida Building Code, 7<sup>th</sup> Edition (2020) including High-Velocity Hurricane Zones (HVHZ)  
**Code Sections:** 1507.14.3, 1507.15.2  
**Properties:** Physical Properties

**PRODUCT DESCRIPTION**

Products	Specification	Description
<b>GacoFlex A-31</b>	ASTM D 6083, Type I	Acrylic quick-set elastomeric coating that is brush, roller or spray-applied.
<b>GacoFlex S-10</b>	ASTM D 6694	Silicone elastomeric coating that is brush, roller or spray-applied.
<b>GacoFlex S-20</b>	ASTM D 6694	Silicone solvent-free, single-component, moisture-cured, waterproof elastomeric coating that is brush, roller or spray-applied.
<b>GacoFlex S-21</b>	ASTM D 6694	Silicone solvent-free, single-component, moisture-cured, waterproof elastomeric coating that is brush, roller or spray-applied.
<b>GacoFlex S-42</b>	ASTM D 6694	Silicone solvent-free, single-component, moisture-cured, waterproof elastomeric coating that is brush, roller or spray-applied.
<b>GacoRoof GR-16</b>	ASTM D 6694	Silicone elastomeric coating that is brush, roller or spray-applied.

**REFERENCES**

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	GW1-024-02-02	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	GW1-026-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	GW1-042-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	GW1-043-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	GW1-044-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	GW1-045-02-01	ASTM D 6083	2018
PRI Construction Materials Technologies (TST5878)	GW1-062-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	GW1-071-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	348T0030	ASTM D 6694	2008(2013)E1

**APPLICATION**

The following notes shall be observed when using the application tables below:

1. All surfaces shall be repaired, clean, dry, and free of debris prior to application.
2. Roof coating may be spray, brush or roller applied.
3. Applications are valid for new and existing roof systems.

<b>Application of GacoFlex A-31</b>	
Substrate (New or Existing)	Minimum Application Rate
Spray Polyurethane Foam Roofs	GacoFlex A-31 applied in three (3) coats (base, intermediate and top) at a minimum rate of 1.25 gal/100 ft <sup>2</sup> per coat

<b>Application of GacoFlex S-10</b>	
Substrate (New or Existing)	Minimum Application Rate
Spray Polyurethane Foam Roofs	Applied according to one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat
Acrylic Coatings	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat
Galvanized Steel Metal Panels	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat
KEE Single-Ply Membrane	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat
PVC Single-Ply Membranes	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat
BUR Membranes - Smooth-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.4 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat
SBS Modified Bitumen Membranes - Granule-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-10 applied at a minimum rate of 2.2 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-10 applied at a minimum rate of 1.1 gal/100ft <sup>2</sup> per coat

<b>Application of GacoFlex S-20</b>	
Substrate (New or Existing)	Minimum Application Rate
Spray Polyurethane Foam Roofs	<p>Applied according to one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
Acrylic Coatings	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
Galvanized Steel Metal Panels	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
EPDM Single-Ply Membranes	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
KEE Single-Ply Membrane	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
PVC Single-Ply Membranes	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
BUR Membranes - Smooth-surfaced	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.4 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
APP Modified Bitumen Membranes - Granule-surfaced	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
APP Modified Bitumen Membranes - Granule-surfaced	<p>GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft<sup>2</sup> then primed with GacoFlex E-5320 Primer at a rate of 0.2 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
APP Modified Bitumen Membranes - Smooth-surfaced	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>



<b>Application of GacoFlex S-20</b>	
<b>Substrate (New or Existing)</b>	<b>Minimum Application Rate</b>
SBS Modified Bitumen Membranes - Granule-surfaced	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
SBS Modified Bitumen Membranes - Granule-surfaced	<p>GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft<sup>2</sup> then primed with GacoFlex E-5320 Primer at a rate of 0.2 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
SBS Modified Bitumen Membranes - Smooth-surfaced	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-20 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>

<b>Application of GacoFlex S-21</b>	
<b>Substrate (New or Existing)</b>	<b>Minimum Application Rate</b>
Spray Polyurethane Foam Roofs	<p>Applied according to one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
Galvanized Steel Metal Panels	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
EPDM Single-Ply Membranes	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
Hypalon Single-Ply Membranes	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
KEE Single-Ply Membrane	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>
PVC Single-Ply Membranes	<p>Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft<sup>2</sup> per coat</li> </ul>

Application of GacoFlex S-21	
Substrate (New or Existing)	Minimum Application Rate
TPO Single-Ply Membranes	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft <sup>2</sup> per coat
APP Modified Bitumen Membranes - Granule-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft <sup>2</sup> per coat
APP Modified Bitumen Membranes - Granule-surfaced	GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft <sup>2</sup> then primed with GacoFlex E-5320 Primer at a rate of 0.2 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft <sup>2</sup> per coat
SBS Modified Bitumen Membranes - Granule-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft <sup>2</sup> per coat
SBS Modified Bitumen Membranes - Granule-surfaced	GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft <sup>2</sup> then primed with GacoFlex E-5320 Primer at a rate of 0.2 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-21 applied at a minimum rate of 0.75 gal/100ft <sup>2</sup> per coat
SBS Modified Bitumen Membranes - Smooth-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoFlex S-21 applied at a minimum rate of 1.5 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-20 applied at a minimum rate of 0.75 gal/100ft <sup>2</sup> per coat

Application of GacoFlex S-42	
Substrate (New or Existing)	Minimum Application Rate
Concrete	Applied according to one of the following: -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft <sup>2</sup> per coat
Spray Polyurethane Foam Roofs	Applied according to one of the following: -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft <sup>2</sup> per coat
"Aged" Acrylic Coatings (Existing only)	Applied according to one of the following: -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft <sup>2</sup> per coat
"Aged" Silicone Coatings (Existing only)	Applied according to one of the following: -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft <sup>2</sup> per coat



Application of GacoFlex S-42	
Substrate (New or Existing)	Minimum Application Rate
Aluminum Panels	<p>OPTIONALLY Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or            OPTIONALLY Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup>            followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>
Galvanized Steel Metal Panels	<p>OPTIONALLY Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or            OPTIONALLY Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup>            followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>
Galvalume Steel Metal Panels	<p>OPTIONALLY Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or            OPTIONALLY Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup>            followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>
PVDF Kynar Coated Metal Panels	<p>Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or            Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup>            followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>
EPDM Single-Ply Membranes	<p>Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>
Hypalon Single-Ply Membranes	<p>OPTIONALLY Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or            OPTIONALLY Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup>            followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>
KEE Single-Ply Membrane	<p>Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or            Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup>            followed by one of the following:            -One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup>            -Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</p>



Application of GacoFlex S-42	
Substrate (New or Existing)	Minimum Application Rate
PVC Single-Ply Membranes	<p>Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> or Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
TPO Single-Ply Membranes	<p>Primed with GacoPrime LVOC Primer at a rate of 0.4-0.5 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
APP Modified Bitumen Membranes - Granule-surfaced	<p>Applied according to one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
APP Modified Bitumen Membranes - Granule-surfaced	<p>GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
SBS Modified Bitumen Membranes - Granule-surfaced	<p>Applied according to one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
SBS Modified Bitumen Membranes - Granule-surfaced	<p>GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
SBS Modified Bitumen Membranes - Smooth-surfaced	<p>Applied according to one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>
SBS Modified Bitumen Membranes - Smooth-surfaced	<p>GacoFlex A-4271 BleedTrap Base coat at a rate of 1.0 gal/100 ft<sup>2</sup> followed by one of the following:</p> <ul style="list-style-type: none"> <li>-One coat of GacoFlex S-42 applied at a minimum rate of 1.25 gal/100ft<sup>2</sup></li> <li>-Two (2) coats (base and top) of GacoFlex S-42 applied at a minimum rate of 0.625 gal/100ft<sup>2</sup> per coat</li> </ul>



<b>Application of GacoRoof GR-16</b>	
<b>Substrate (New or Existing)</b>	<b>Minimum Application Rate</b>
Spray Polyurethane Foam Roofs	Applied according to one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
Acrylic Coatings	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
Galvanized Steel Metal Panels	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
EPDM Single-Ply Membranes	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
KEE Single-Ply Membrane	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
PVC Single-Ply Membranes	Primed with GacoFlex E-5320 Primer at a rate of 0.3 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
BUR Membranes - Smooth-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.4 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat
SBS Modified Bitumen Membranes - Granule-surfaced	Primed with GacoFlex E-5320 Primer at a rate of 0.5 gal/100 ft <sup>2</sup> followed by one of the following: -One coat of GacoRoof GR-16 applied at a minimum rate of 2.0 gal/100ft <sup>2</sup> -Two (2) coats (base and top) of GacoRoof GR-16 applied at a minimum rate of 1.0 gal/100ft <sup>2</sup> per coat





**LIMITATIONS**

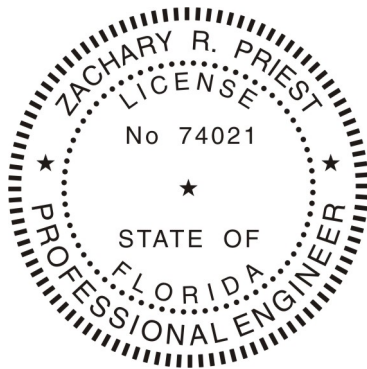
---

1. Fire classification is not within the scope of this evaluation.
2. Structural integrity of the roofing substrate or assembly is not within scope of this evaluation. Refer to the appropriate product approval for installation of these components within an *Approved* roof assembly.
3. Installation of the evaluated products shall be in strict compliance with this evaluation report, the FBC, and the manufacturer's published installation instructions. In the event of conflict, the more restrictive and FBC compliant installation shall be enforced.
4. This product shall not be applied in inclement weather conditions.
5. This product shall not be applied over asphaltic shingles, metal shingles, fiber-cement shingles, quarry slate, cement or clay roofing tile, or wood shingles or shakes.
6. This product may be used may be used as described in other current FBC product approval documents.
7. Refer to manufacturer's published instructions for proper storage and shelf life considerations.
8. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

**COMPLIANCE STATEMENT**

---

The products evaluated herein by Zachary R. Priest have demonstrated compliance with the Florida Building Code, 7<sup>th</sup> Edition (2020) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.



Zachary R. Priest, P.E.  
Florida Registration No. 74021  
Organization No. ANE9641

**CERTIFICATION OF INDEPENDENCE**

---

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

**END OF REPORT**