

**Flat roofs have always been considered a huge problem –  
NOW you can greatly extend their life for a fraction of the cost  
of refurbishment or replacement**

**AT LAST ... THE ANSWER TO YOUR FLAT ROOF  
PROBLEMS WITHOUT COSTING THE EARTH!**

# **GacoPro**

**THE ROOF WATERPROOFING SYSTEM  
DEVELOPED BY PROFESSIONALS FOR PROFESSIONALS**



**Leading Edge Technology from the SPECIALISTS in Silicone Roofing,  
GACO have been producing cold liquid applied ROOF COATINGS for longer than  
most other companies in today's marketplace**

**Established for nearly 60 years  
Unique Silicone Technology Delivers Roofing Systems that Last**

**[www.gacoflatroofingsolutions.com](http://www.gacoflatroofingsolutions.com)**

**Telephone: 0845 555 8801**

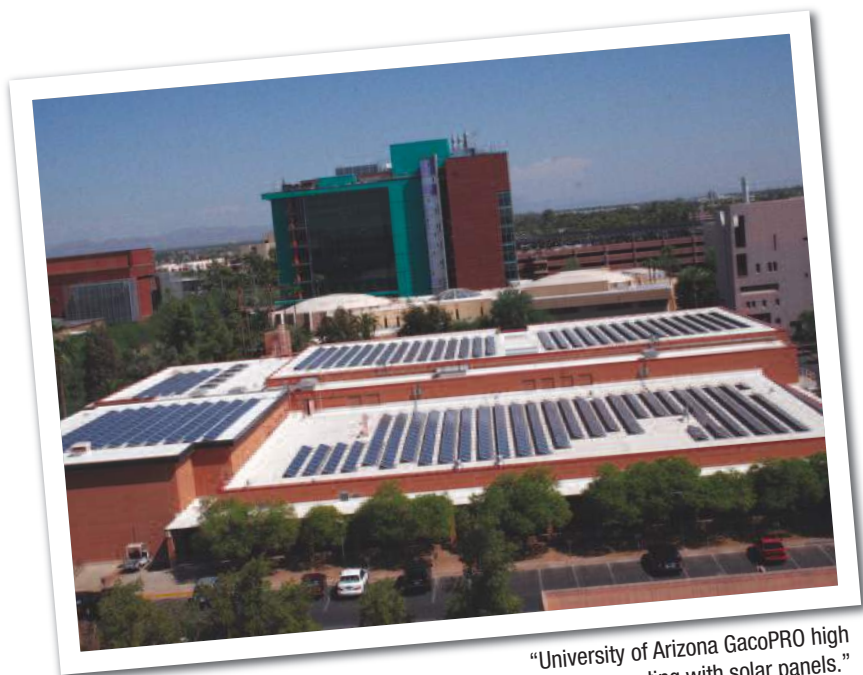


# Facilities Managers, Property Owners, Specifiers

As a Facilities Manager, Property Owner or Specifier, with rocketing replacement or major upgrade costs you will know importance of keeping those flat and low pitched roofs in good condition and extending their life, reducing maintenance costs wherever possible.

## Cuts Roof Maintenance Costs

There is growing awareness that a great source of cost savings can be found up on your roofs. Refurbishing your low pitched or flat roofs with GacoPro is more economical, causes less disruption to your business, is faster to carry out, and is environmentally friendly and energy saving.



“University of Arizona GacoPRO high performance coating with solar panels.”



Seamless GacoPro being applied

**Gaco Western is at the forefront in the development of high performance, cold liquid applied, flat roofing systems and have developed roofing materials guaranteed to be totally waterproof, even under permanently ponding water.**

## Additional Cost Savings

GacoPro's white solar reflective finish reflects over 85% of the sun's rays thereby drastically reducing roof damaging thermal shock (expansion / contraction) In turn, this further extends the life of flat roofs.

In most instances there will be substantial cost savings on expensive flat roof replacement and a significant reduction in maintenance costs

## No Joints... No Leaks!

A completely monolithic, long lasting, easily refurbishable system which can be installed with the minimum of disruption

- **No more fiddling around with Fibreglass. No more difficulties with the detail work.**
- **This is a more focused approach which leads to a better job for for Facilities Managers & Property Owners.**
- **We select and work through highly reputable GacoPRO Roofing Contractors, who are fully trained in the application of liquid applied roofing systems.**
- **So, whatever the size of your roof, you can expect a long lasting, cost effective, highest quality result every time!!**

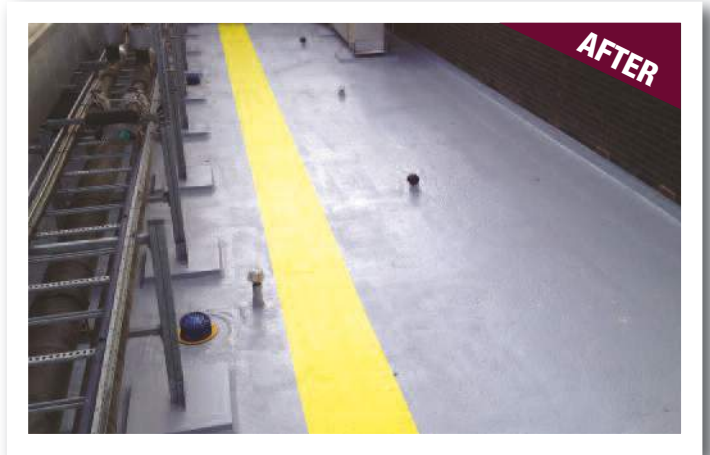
# ROOFING CONTRACTORS

With ever more onerous regulations and downward pressure on margins, Gaco's unique and highly versatile product opens the door to cost effective, durable systems whilst providing cost savings to your customers.

Virtually any kind of flat or low pitched roofing can be brought back to life in a most cost-effective way. Shopping centres, factories, supermarkets, schools, hospitals and so on – all are ideal for GacoPRO. Here are just a few examples...



Scarborough Hospital, Asphalt Roof, Work begins



Scarborough Hospital, Asphalt Roof After GacoPro

## Gaco...Proven & Respected.

Having been a respected supplier of Cold Liquid Applied Roof Overlay Systems for nearly sixty years, Gaco is acutely aware that it is your reputation which is at stake when it comes to getting those jobs done properly – on budget and on time.

## GacoPro is...

- Straightforward and uncomplicated to apply.
- Withstands permanently ponding water
- Perfect for flat and low pitch roofs.

## More Weather-Friendly = More Work Done

Our weather is unpredictable and varied – rain followed by more rain – sunshine, frost and snow! GacoPro can be applied to clean dry surfaces from as low as 1 degree C! You have a wider window in which to complete your contracts. GacoPro can be applied if you've got a two hour window before rain. After two hours, rain will not be a problem and the roof will be waterproofed.



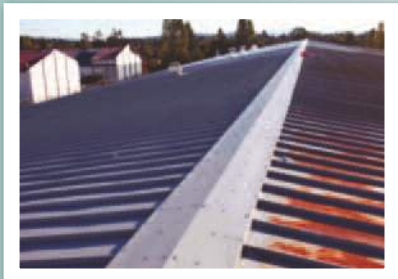
GacoPro was chosen by The Humber Bridge Authority to add new life to its 34 year old large flat roof on its main admin building

# GACO WESTERN

Established nearly 60 years ago, Gaco Western from the U.S.A. has introduced its proven 100% Silicone cold liquid applied roofing overlay range to the British roofing market.



Gaco Western have an impressive track record in coating all types of substrates – INCLUDING felt, asphalt, metal, single ply, asbestos, concrete, aged EPDM, TPO, Fibreglass and many others.



You don't need a range of systems or complicated procedures – simply apply two coats of the GacoPro system at the recommended coverage rate and take advantage of our limited 20 Year Warranty.



"GacoPro is ideal to waterproof large roof channels, gutters etc. Here an ASDA UK roof channel being done with Gacopro"



**GacoPro is now available in the UK & Ireland via Approved Roofing Contractors.**

*GacoPro is distributed by*



## **UK: Gaco Flat Roofing Solutions**

93-99 Mabgate Business Centre, Leeds, LS9 7DR

Tel: 0845 555 8801

Email: [info@GacoFlatRoofingSolutions.Com](mailto:info@GacoFlatRoofingSolutions.Com)

## **Ireland: Igoe International Ltd**

135 Slaney Road, Dublin Industrial Estate, Dublin 11, Ireland

Tel: (01) 830 22 50 • Mobile: Irl 087 2456078

Email: [Info@GacoFlatRoofingSolutions.Com](mailto:Info@GacoFlatRoofingSolutions.Com)

Visit: [www.GacoFlatRoofingSolutions.Com](http://www.GacoFlatRoofingSolutions.Com)





## WHY CHOOSE SOLVENT-FREE?

GacoProEco solvent-free silicone coatings are made nearly entirely of solids — 95% of what is in the can stays on the roof! The remaining 5% is a specially-formulated curing agent that works by forming a chemical bond between the coating's molecules and sets the coating in place — instead of by the evaporation of harmful solvents into the environment.

# GacoProEco

## Solvent-Free 100% Silicone Coating

- ◆ **Waterproofs and Protects**
- ◆ **Withstands Permanently Ponding Water**
- ◆ **Adheres to Most Surfaces**

Whether your roof is large or small, flat or sloped, GacoProEco Solvent-Free 100% Silicone Roof Coatings provide a proven, guaranteed solution for renewing your weathered and leaking roof. They can be applied to virtually any existing roof to create a durable, glossy, seamless membrane that seals and protects against permanent ponding water, ultraviolet light and severe weather. By re-coating, you not only extend the life of your roof, you avoid the need for a time-consuming and costly roof tear-off.

GacoProEco offers decades of proven performance and protection. **Guaranteed.**



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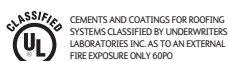
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# GacoProEco

Solvent-free 100% silicone coating | May 2015

<b>USAGE</b>	GacoProEco Solvent-Free 100% Silicone Coating is the best solution for weathered roofs including pre-existing elastomeric roof coatings, metal, built-up, cap sheet, and aged EPDM and TPO where the membrane surface is in sound condition but requires a renewal of the membrane surface due to the effects of aging and use. It may also be used over sprayed-in-place polyurethane foam, concrete and many other coatings. When properly applied, the coating system provides a seamless weather-tight seal that withstands the damaging effects of permanently ponding water, and the degradation caused by ultraviolet light, water and other normal weathering hazards.	
<b>COLOR</b>	GPE00 White, GPE22 Gray	
<b>APPLIED PRODUCT DATA</b>		
<b>WEATHERABILITY</b>	Excellent durability, color stability and chalk resistance.	
<b>TOXICITY</b>	Not for use in contact with edible substances or potable water.	
<b>ADHESION</b>	Excellent adhesion to polyurethane foam and many other substrates.	
<b>CHEMICAL RESISTANCE</b>	Excellent solvent and chemical resistance.	
<b>TENSILE</b> Strength Elongation Permanent Set At Break	<b>ASTM D412</b> 550 ± 10 psi (3.79 ± .07 MPa) 150% ± 10 Approx. 1%	<b>GPE00 Immersed in Water @ 150°F (66°C) for 1 year per ASTM D471</b> 463 psi (3.19 MPa) 125% 0%
<b>TEAR RESISTANCE</b> lbs/inch	<b>ASTM D624 Die C</b> 21 pli (3.8 kg(f)/cm)	11 pli (2.0 kg(f)/cm)
<b>HARDNESS</b>	<b>ASTM D2240</b> 55 Shore A	56 Shore A
<b>WATER VAPOR PERMEANCE</b>	ASTM E96 Procedure B at 0.5 mm (20 mils) thickness ± 10%; Minimum permeance requirement is 2.5 U.S. perms	5.3 perms
<b>WET ADHESION TO POLYURETHANE FOAM</b>	ASTM D903	3.5 lbs per linear inch
<b>LOW TEMPERATURE FLEX</b>	ASTM D522 Method B	Pass
<b>FLAMMABILITY</b>	ASTM E108	Class A
<b>REFLECTANCE</b>	ASTM C1549	0.88 (GPE00 White)
<b>EMITTANCE</b>	ASTM C1371	0.87 (GPE00 White)
<b>PACKAGED PRODUCT DATA</b>		
<b>SOLIDS</b>	96.5% by Weight (Method 4041, Fed. Std. 141) / 95% by Volume	
<b>VOC</b>	< 50 g/l	
<b>FLASH POINT</b>	ASTM D3278	178°F (81°C)
<b>STORAGE STABILITY</b>	Two years from date of manufacture when stored in sealed containers between -17°C to 26°C.	
<b>APPLICATION</b>		
<b>MIXING</b>	Mix before application to ensure uniform color and consistency.	
<b>THINNING</b>	Product should not be thinned.	
<b>PRIMER</b>	Existing silicone coatings should not be primed. On all other substrates, apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to label directions.	
<b>APPLICATION</b>	Apply by brush or ¾" nap woven roller as received. For spray application, use as received; consult Gaco Western's Silicone Spray Guide SG-Silicone for more information. For cold weather application, keep material stored above 18°C. Do not apply if rain is expected within 1 hour. - On smooth surfaces, apply one coat at the rate of 1 liter per 1.6 square meters to achieve approximately 22 dry mils (560µ / 0.56 mm). - On granulated and other rough surfaces, apply two separate coats at the rate of 1 liter per 2.5 square meters per coat. Allow first coat to dry a minimum of 4 hours at 13°C or higher, or until it can be safely walked on (product is moisture cure, low humidity will result in longer dry times); recoat within 4 to 48 hours. - Coat all surfaces including expansion joint covers and flashings. Extra material is required at all edges and penetrations if neoprene sheet flashing is not used. NOTE: Application rate is job-specific and losses due to overspray, surface provide and wind may occur. Additional material may be required to achieve 22 dry mils (560µ / 0.56 mm).	
<b>DRY TIME</b>	Final coat should be allowed to cure 24 to 48 hours, depending on temperature and humidity, before suitable for light foot traffic.	
<b>CLEAN UP</b>	Clean application tools and equipment with GacoFlex Silicone Solvent. Recirculate through lines and gun until residual coating is removed. DO NOT USE WATER OR RECLAIMED SOLVENTS.	
For specific Safety and Health information please refer to Safety Data Sheet.		



CEMENTS AND COATINGS FOR ROOFING SYSTEMS CLASSIFIED BY UNDERWRITERS LABORATORIES INC. AS TO AN EXTERNAL FIRE EXPOSURE ONLY 6090



## United Kingdom

Gaco Flat Roofing Solutions Ltd  
93-99 Mabgate Business Centre  
Leeds, LS9 7DR

0845 555 8801 / info@gacoflatroofingsolutions.com  
www.GacoFlatRoofingSolutions.com

## Ireland /EU H.Q.

Igoe International Ltd  
135 Slaney Road, Dublin Industrial Estate  
Glasnevin, Dublin 11

01 830 22 50 / info@igoe.ie  
www.igoe.ie

# SURFACE PREPARATION TAKING UP ALL YOUR TIME ON THE JOB?



## GACO DELIVERS A SOLUTION

### Innovative Roof Tape Technology

*Taping joints just became seamless.*

### Made with 100% Silicone

*Withstands the elements.*

### Exceptional Coverage

*Suitable for light foot traffic.*

### Manufactured by Gaco Western

*Peace of mind for a lifetime.*

LIGHT  
GRAY

FLIP OVER TO COMPARE  
FOR YOURSELF...

**GacoFlex**  
by Gaco Western®



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# COMPARE FOR YOURSELF



Resin

100% Waterproof

Apply with Roller or Brush

Protection Against Light Foot Traffic

Strengthened with Microfibers

Individual Sizes

LIQUIDROOFTAPE

100% Silicone

YES

YES

YES

YES

1 & 5 Gallon

CAULK

Varies

Varies

NO

NO

NO

10 ounces

## Provides a seamless membrane for:

- |             |              |                 |
|-------------|--------------|-----------------|
| Depressions | Joints       | Transitions     |
| Drains      | Protrusions  | Uneven Surfaces |
| Fasteners   | Seams        | Vents           |
| Flashings   | Small Cracks | Voids           |



### TECHNICAL DATA

Coverage	50 LFT/gal at 3" wide, 1/8" thick as a roof tape 25-50 sq. ft/gal as a topcoat
Color	Light Gray
Application Range	0°C to 49°C
Drying Time	3 to 12 hours
V.O.C.	≤250 g/L
Clean Up	GacoFlex Silicone Solvent. Do not use water.
UV Resistant	Yes

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**GacoFlex**

by Gaco Western®





**GacoFlex**<sup>®</sup>  
by Gaco Western<sup>®</sup>

## E5320 2-Part Epoxy Primer/Filler

An excellent multi-purpose primer that adheres to most surfaces and helps ensure topcoat adhesion.

GacoFlex E5320 is a two-component, water-based epoxy primer that is ideal for use on most roofing surfaces including metal roofs and flashings. This easy-to-apply primer bonds to properly prepared roofing surfaces and improves adhesion of GacoFlex silicone coatings and other top coats, especially on weathered surfaces that are difficult to get completely clean.

On asphalt-based surfaces it may help prevent bleed-through, and when top coated will help prevent corrosion. When mixed with ordinary sand, it's a masonry block filler.

GacoFlex E5320 – the primer of choice under GacoProEco Solvent-Free 100% Silicone Coatings.



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### ROOF SURFACE PREPARATION

It's extremely important to get the roof clean and dry.

Remove any dirt, leaves and other debris.

Inspect entire roof for any open seams, tears, cuts, etc. and repair.

Apply cleaner and pressure wash roof.

Allow to dry completely! All moisture must be gone before primer can be applied.

# GacoFlex E5320

2-part epoxy primer / filler | June 2015

<b>DESCRIPTION</b>	GacoFlex E5320 is a two-component water-based epoxy.	
<b>USAGE</b>	This multi-purpose primer offers excellent adhesion to most surfaces including metal roofs, metal flashing, other coatings, wood, masonry, single-ply membranes and more. It improves adhesion of GacoFlex Silicone Coatings and other top coats. On asphalt-based surfaces it may help prevent bleed-through; when top coated it will help prevent corrosion. It can also be used as a masonry block filler when combined with ordinary sand.	
<b>COLOR</b>	Part A is white. Part B is brown. The combined product is light pink.	
<b>APPLIED PRODUCT DATA</b>		
<b>WEATHERABILITY</b>	Must be top-coated when used in exterior applications.	
<b>CHEMICAL RESISTANCE</b>	Good solvent resistance and excellent alkali resistance.	
<b>HARDNESS</b>	Cures to form a hard coating material.	
<b>ADHESION</b>	Excellent adhesion to most surfaces. Most coatings have excellent adhesion to cured GacoFlex E5320.	
<b>PACKAGED PRODUCT DATA</b>		
<b>SOLIDS</b>	60.5% by Weight / 44% by Volume	
<b>VOC</b>	<100 g/l (Part A and B Combined)	
<b>FLASH POINT</b>	TOC	>200°F (93°C)
<b>STORAGE STABILITY</b>	Uncombined Material: One year from date of manufacture when stored in sealed containers between 10°C to 26°C. Protect from freezing in shipment and storage.	
<b>APPLICATION</b>		
<b>MIXING</b>	GacoFlex E5320 is a two-component material; Equal parts by volume of Part A and Part B must be properly combined prior to application according to the following directions. Mix Part A well for 3-5 minutes. Mix Part B for 3-5 minutes. Pour Part B into a clean, empty pail. Pour Part A into the same pail. It will sink. Mix both together for 3-5 minutes. Mixture will appear thin and light pink in color. Power mixing is recommended when combining more than 3.79 L each of Part A and Part B.	
<b>POT LIFE</b>	Pot life after mixing is 1.5 hours at 24°C; the pot life will double at 13°C, however at 38°C pot life is reduced to 45 minutes.	
<b>THINNING</b>	Thinning is not normally required for roller application. When thinning is necessary to extend pot life for spraying, for application at cool temperatures, or to achieve recommended application rates, thin combined material with 10%-20% clean water and mix thoroughly. Do not thin more than 20%.	
<b>APPLICATION</b>	<p>Product may be applied by brush, roller or spray. On smooth surfaces, use a 1/4" to 3/8" nap roller or nylon brush. When applying E5320 as block filler for porous concrete, use a 1" to 1-1/4" nap roller. If blow holes form as the primer dries, make a second pass with a relatively dry roller; allow 5 to 10 minutes between passes. Contact Gaco Western for application utilizing equipment. Do not apply to surfaces which are below 10°C.</p> <ul style="list-style-type: none"><li>- On single ply membrane roofs, apply one coat at the rate of 3.79 L per 46.5 square meters (combined material will need to be thinned 10%-20% with water to achieve this spread rate).</li><li>- On metal, apply one coat at the rate of 3.79 L per 27.9 square meters.</li><li>- On asphalt-based surfaces including smooth cap sheet, apply 2 separate coats of 3.79 L per 23.25 square meters For granulated surfaces, apply 2 separate coats of 3.79 L per 18.6 square meters Allow first coat to dry for 2 hours before application of second coat.</li></ul> <p>NOTE: Application rate is job-specific. Additional material may be required.</p>	
<b>DRY TIME</b>	<p>Allow the first coat to dry for a minimum of 2 hours before application of the second coat. Allow to dry a minimum of 6 hours before application of top coat. Dry time is dependent upon temperature and humidity.</p> <p>Note: Where maximum solvent resistance is needed, apply two coats a minimum of two hours apart. Let cure for two days with a daily maximum temperature of 21°C or higher. For 16°C days, allow one week. Full cure and dry time can be longer when there is poor air ventilation such as in tanks or enclosed reservoirs.</p>	
<b>APPLICATION OF TOP COATS</b>	GacoFlex Silicone Coatings and most other coatings will adhere well to cured E5320 films up to one week old, provided that the surface is clean, dry and free of chalk. Note: Neoprene should not be applied directly to GacoFlex E5320 until it has cured overnight.	
<b>CLEAN UP</b>	Clean brushes and rollers with soap and water; a small amount of vinegar may be added to make clean up easier. Late in the pot life or in hot weather, clean-up is impractical and brushes and rollers should be disposed of. Clean spray equipment with water supplemented with a small amount of vinegar and recirculate through lines and gun until residual coating is removed.	
For specific Safety and Health information please refer to Safety Data Sheet.		



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**GacoFlex**<sup>®</sup>  
by Gaco Western<sup>®</sup>

## SF2000 SeamSeal

An innovative solution for sealing seams, fasteners and other roof features.

GacoFlex SeamSeal, a silicone-based, solvent-free sealant combined with a reinforcing agent, adheres to seams, fasteners and other roof details in a single application. GacoFlex SeamSeal transforms a roof with seams, gaps, and overlaps into a seamless foundation ready for coating with GacoProEco Solvent-Free 100% Silicone Coating.

Easily applied with a brush, trowel, piping bag or roller, GacoFlex SeamSeal makes the process of sealing seams, fasteners and roof details faster and easier. No need to kneel down!

GacoFlex SeamSeal is an effective, waterproof alternative to conventional tape when preparing a roof for repairs and coating. It can also serve as a substitute for caulk on a variety of surfaces.

Easy application, durability, efficiency and economy. GacoFlex SeamSeal offers it all!



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### WHY CHOOSE SILICONE AS AN ALTERNATIVE TO TAPE?

SeamSeal has the same properties as all GacoFlex silicones: exceptional durability and waterproofing, ease of cure, and unmatched performance.



# GacoFlex SF2000 SeamSeal

Solvent-free 100% silicone sealant | June 2015

<b>DESCRIPTION</b>	GacoFlex SF2000 SeamSeal is a silicone-based, solvent-free, single-component waterproof elastomeric moisture-curing sealant combined with a reinforcing agent.	
<b>USAGE</b>	SeamSeal is intended for application over cleaned and primed roofs as a joint and fastener treatment in place of fabric and/or elastomeric sheet tape. It may also be used to repair blisters in spray polyurethane foam up to 10 cm in diameter, as a tape-seal over cracked polyurethane foam insulation, and as filler for applications over existing "alligatored" smooth BUR. SeamSeal is UV stable and may be used to repair most clean and dry roofing surfaces. It can also serve as a substitute for caulk on a variety of substrates.	
<b>LIMITATIONS</b>	Not intended to be used to repair blisters in polyurethane foam larger than 10 cm in diameter.	
<b>COLOR</b>	White	
<b>APPLIED PRODUCT DATA</b>		
<b>WEATHERABILITY</b>	Excellent durability, color stability and chalk resistance.	
<b>TOXICITY</b>	Not for use in contact with edible substances or potable water.	
<b>ADHESION</b>	Adhesion is excellent to polyurethane foam. A primer may be required for adhesion to built-up roofing, modified bitumen capsheet, single ply roofing (EPDM, TPO, PVC and Hypalon®), masonry, concrete, and wood. A primer must be used on all ferrous metals to prevent corrosion. Contact Gaco Western's Technical Department for specific recommendations.	
<b>THE FOLLOWING PHYSICAL PROPERTIES TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM D6694 WITH A FILM THICKNESS OF 20 DRY MILS</b>		
<b>TENSILE</b>	<b>ASTM D2370</b>	
Initial Tensile Strength	306 ± 10 psi	
Elongation	130%	
<b>TEAR RESISTANCE</b>	ASTM D624 Die C	25 lbs per square inch
<b>HARDNESS</b>	ASTM D2240 Shore A	55
<b>WATER VAPOR PERMEANCE</b>	ASTM D96 Procedure B	7.0 perms
<b>WET ADHESION TO POLYURETHANE FOAM</b>	ASTM D903	3.5 lbs per linear inch
<b>LOW TEMPERATURE FLEX</b>	ASTM D522 Method B	Pass
<b>PACKAGED PRODUCT DATA</b>		
<b>SOLIDS</b>	96% by Weight / 95% by Volume	
<b>VOC</b>	35 g/l	
<b>FLASH POINT</b>	ASTM D3278	178°F (81°C)
<b>STORAGE STABILITY</b>	Two years from date of manufacture when stored in sealed containers between -17°C to 26°C.	
<b>APPLICATION</b>		
<b>MIXING</b>	Mix before application to ensure uniform color and consistency.	
<b>THINNING</b>	Product is not intended to be thinned.	
<b>PRIMER</b>	Existing silicone coatings should not be primed. On all other substrates, apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to label directions.	
<b>APPLICATION</b>	Apply by brush, trowel, piping bag or roller as received. For application utilizing equipment contact Gaco Western. For cold weather application, keep material stored above 18°C. Do not apply if rain is expected within 1 hour. For application in temperatures below freezing or above 49°C contact Gaco Western. - Apply SeamSeal on all metal seams, joints, fasteners and penetrations at 23 to 31 linear meters of seams per gallon or 450 fasteners per gallon. - Coat all surfaces including expansion joint covers and flashings. Extra material is required at all edges and penetrations if neoprene sheet flashing is not used. NOTE: Application rate is job-specific. Additional material may be required due to surface profile, losses due to overspray and wind, and residual coating left in the container.	
<b>DRY TIME</b>	Allow to dry a minimum of 4 hours at 13°C or higher before coating with GacoFlex Solvent-Free Silicone Coating (product is moisture cure, low humidity will result in longer dry times); coat within 4 to 48 hours.	
<b>CLEAN UP</b>	Clean up application tools and equipment with GacoFlex Silicone Solvent. DO NOT USE WATER OR RECLAIMED SOLVENTS.	
For specific Safety and Health information please refer to Safety Data Sheet.		



# GacoFlex®

by Gaco Western®

## SF2036 WalkPad

A stay-put solution for creating highly-visible rooftop walkways.

GacoFlex WalkPad is an exceptionally durable, silicone-based, solvent-free sealant that is combined with a reinforcing agent to provide exceptional durability and resistance to traffic and tears.

It makes the ultimate rooftop walkway because it becomes an integral part of the roof – unlike conventional mats that must be laboriously adhered to the roof, it simply cannot blow off!

When applied on top of GacoFlex coatings and other roofing materials, GacoFlex WalkPad provides a high performance walkway for pedestrian maintenance traffic and its yellow color provides high visibility.

GacoFlex Walkpad can be applied with a brush or trowel to make the process of creating a rooftop walkway surface fast and easy.



### COMPLETE IT!

To complete the walkway, apply GacoFlex WalkPad Granules, a custom color blend of quartz granules designed for use over GacoFlex WalkPad. Simply spread the granules on top of WalkPad while it is still wet, to provide traction and resistance to wear under pedestrian maintenance traffic.



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# GacoFlex SF2036 WalkPad

Solvent-free 100% silicone walkway system | June 2015

<b>DESCRIPTION</b>	GacoFlex SF2036 WalkPad is a silicone-based, solvent-free, single-component waterproof elastomeric moisture-curing sealant combined with a reinforcing agent and is specifically formulated for exceptional durability.	
<b>USAGE</b>	WalkPad is intended for application over GacoFlex Silicone Coatings and a variety of other roofing substrates to create a rooftop walkway for pedestrian maintenance traffic. Unlike conventional mats, WalkPad becomes an integral part of the roof. The yellow color provides a highly visible and aesthetic rooftop walkway, and when combined with GacoFlex WalkPad Granules will offer traction and resistance to wear under light foot traffic.	
<b>COLOR</b>	Yellow	
<b>APPLIED PRODUCT DATA</b>		
<b>WEATHERABILITY</b>	Excellent durability, color stability and chalk resistance.	
<b>TOXICITY</b>	Not for use in contact with edible substances or potable water.	
<b>ADHESION</b>	Adhesion is excellent when applied directly over GacoFlex Silicone Coatings. A primer may be required for adhesion to other surfaces including built-up roofing, modified bitumen capsheet, single ply roofing (EPDM, TPO, PVC and Hypalon®), masonry, concrete, and wood. A primer must be used on all ferrous metals to prevent corrosion.  Contact Gaco Western's Technical Department for specific recommendations.	
<b>PRELIMINARY RESULTS BASED ON FILM THICKNESS OF 20 DRY MILS</b>	Physical properties tests pending, in accordance with ASTM D6694 with a film thickness of 60 dry mils.	
<b>TENSILE</b> Initial Tensile Strength Elongation	<b>ASTM D2370</b> 306 ± 10 psi 130%	
<b>TEAR RESISTANCE</b>	ASTM D624 Die C	25 lbs per square inch
<b>HARDNESS</b>	ASTM D2240 Shore A	55
<b>WATER VAPOR PERMEANCE</b>	ASTM E96 Procedure B	7.0 perms
<b>LOW TEMPERATURE FLEX</b>	ASTM D522 Method B	Pass
<b>PACKAGED PRODUCT DATA</b>		
<b>SOLIDS</b>	96% by Weight / 95% by Volume	
<b>VOC</b>	35 g/L	
<b>FLASH POINT</b>	ASTM D3278	178° F (81°C)
<b>STORAGE STABILITY</b>	Two years from date of manufacture when stored in sealed containers between -17°C to 26°C.	
<b>APPLICATION</b>		
<b>MIXING</b>	Mix before application to ensure uniform color and consistency.	
<b>THINNING</b>	Product is not intended to be thinned.	
<b>PRIMER</b>	No primer is needed when WalkPad is being applied directly over GacoFlex Silicone Coatings. If applying WalkPad to any other surface, apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to label directions.	
<b>APPLICATION</b>	Apply by brush or trowel as received. For application utilizing equipment contact Gaco Western. For cold weather application, keep material stored above 18°C. Do not apply if rain is expected within 1 hour. For application in temperatures below freezing or above 49°C contact Gaco Western. - Apply WalkPad at a rate of 3.79 L per 2.3 square meters. - When using WalkPad to create a rooftop walkway for pedestrian maintenance traffic, it is recommended that GacoFlex WalkPad Granules be applied to the wet product at a rate of .05 lb (277 g) per 9.3 square meters to help ensure good traction. CAUTION: While the use of granules will improve traction, caution should still be exercised when walking on WalkPad, especially in wet conditions. NOTE: Application rate is job-specific. Additional material may be required.	
<b>DRY TIME</b>	Allow to dry a minimum of 4 hours at 13°C or higher, or until it can be safely walked on (product is moisture cure, low humidity will result in longer dry times).	
<b>CLEAN UP</b>	Clean up application tools and equipment with GacoFlex Silicone Solvent. DO NOT USE WATER OR RECLAIMED SOLVENTS.	
For specific Safety and Health information please refer to Safety Data Sheet.		

# Case History



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<b>Type of Project / Name:</b>	<b>Built-Up Roof Restoration / Ferguson Distribution</b>
<b>Location:</b>	<b>Las Vegas, NV</b>
<b>Specification:</b>	<b>RC-MB-36-GF20 (GacoFlex S20 Silicone)</b>
<b>Roof Consultant:</b>	<b>Owen Davis, DBEC</b>
<b>Customer:</b>	<b>EJM Development, Property Manager/Building Owner</b>
<b>Problem to be Solved:</b>	<b>Roof Consultant initially recommended the existing roof be torn off and replaced.</b>

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## Failing roof restored using **GacoFlex S20 Roof Coating System.**



Before



After

**PROBLEM:** EJM Development, the property manager and owner of the building leased to Ferguson Distribution, knew the company's built-up roof was in dire need of repair – it had extensive wear through years of exposure in the extreme Las Vegas climate. Considering all their options, EJM contacted Owen Davis of DBE Consulting for a recommendation.

Owen took core samples of the roof and, based on his expert analysis, thought the only course of action would be to tear off and replace the existing roof. However, Owen had seen numerous roofs successfully restored with the use of GacoFlex S20 Silicone Roof Coatings and contacted Gaco Western to discuss possible alternatives.

**SOLUTION:** Gaco Western's Technical Services team worked with DBE Consulting to write a specification for recoating the roof with a warranted coating system using GacoFlex S2000 White Solvent-Free 100% Silicone Roof Coating. EJM was happy to know that GacoFlex S2000 is FM approved, features a highly reflective, glossy finish that can reduce cooling costs, and that it will endure permanent ponding water without softening. The project was put out to bid, and successfully completed in February of 2012.

By recoating the roof as opposed to a tear-off and replacement, EJM Development was able to save approximately \$50,000. The end result, in addition to the substantial financial savings, was a roof that is "as good as new" and backed up with a no-leak 10 year warranty.

### **UNIQUE CHARACTERISTICS:**

While the roof consultant on this project initially thought the only solution was to tear off and replace the roof, he sought out an alternative – resulting in substantial money savings for his customer, the owner of the building. The GacoFlex S20 Roof Coating System provided substantial financial savings, faster installation, a better performing and longer lasting system than a new built up roof, AND it was better for the environment due to the fact the old roof was not removed and dumped into the local Las Vegas landfill!

### **INSTALLATION DETAILS:**

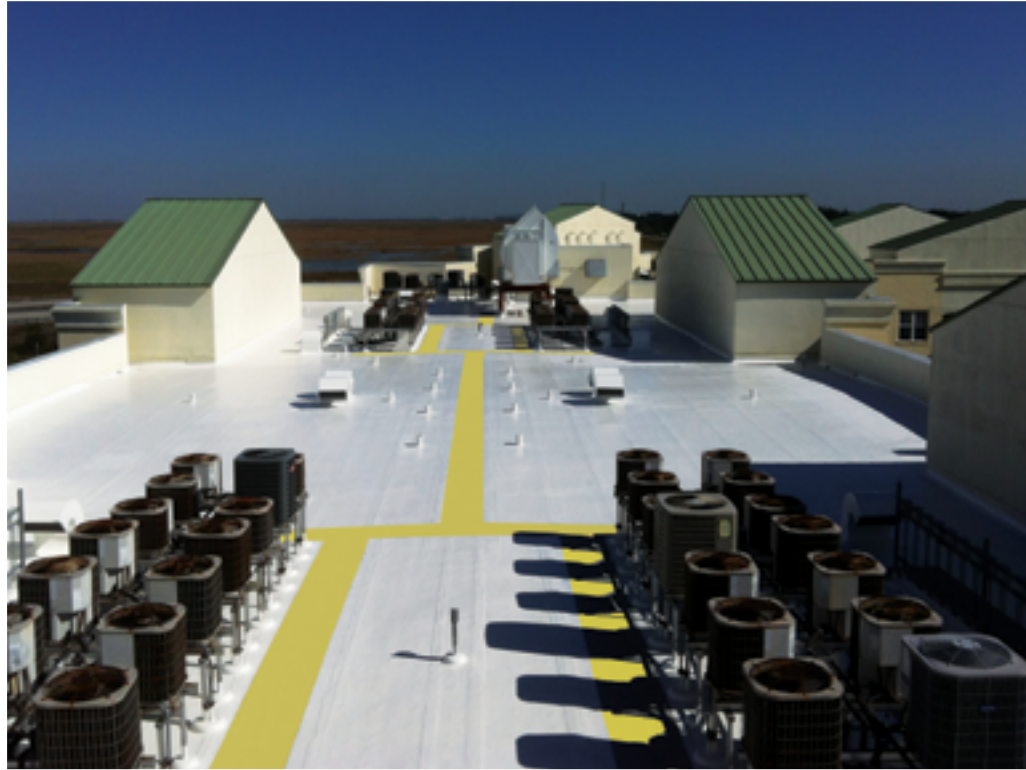
The roof surface was thoroughly cleaned with GacoFlex D09 Biodegradable Cleaner, primed with GacoFlex E5320 2-Part Epoxy Primer/Filler and then two coats of GacoFlex S2000 White Solvent-Free 100% Silicone were applied.

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# Case History



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**Type of Project / Name:** Built-Up Roof Restoration / Vacation Village  
**Location:** Weston, FL  
**Specification:** RC-BUR-22-GF20  
**Contractor:** RHI Construction Inc.  
**Customer:** Vacation Village at Weston  
**Problem to be Solved:** Built-up roof with ponding water and leaks needed a lasting solution.

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## Weathered, leaking roof with ponding water covered with **GacoFlex S20 System.**

**PROBLEM:** Weather patterns in south Florida are not gentle on roofs. The combination of severe heat with strong, 'the sky is falling' afternoon rain storms really takes a toll and can accelerate the aging of a roof. If the roof is already weathered and leaking - as it was at Vacation Village - a proven roofing solution was needed.

**SOLUTION:** Vacation Village had a test run of Gaco Western's silicone products when RHI Construction used GacoFlex S2000 Solvent-Free 100% Silicone Roof Coating as a repair for minor leaks on their roof. Impressed with the results, the owner agreed to coat the entire 23,600 square foot roof with the GacoFlex S20 System, providing a monolithic seal; this would preserve their weather-beaten roof without replacing it.

**UNIQUE CHARACTERISTICS:** Pitch pans under the multiple HVAC units meant standing water is a constant, particularly causing problems on sun-beaten, weathered roofs.

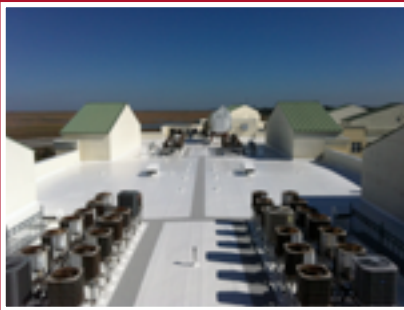
**INSTALLATION DETAILS:** The roof was pressure washed and allowed ample time to completely dry. GacoFlex E5320 2-Part Epoxy Primer/Filler was applied in two passes at one gallon per 300 square feet. The detail work on all expansion joints and term bars was completed with GacoFlex 66S Polyester Reinforcing Mesh Tape (4-inch) and GacoFlex SF2000

SeamSeal. SeamSeal was also applied to all pitch pans. GacoFlex S2000 Solvent-Free 100% Silicone Roof Coating was then applied in a single pass application at two gallons per 100 square feet.

To provide an easily defined pedestrian walkway for maintenance, GacoFlex SF2036 Walkpad was then applied in safety yellow to designate the walk path from the walkout roof hatch out around all of the A/C units. This will provide protection from excessive wear and tear, further extending the life of the roof.

Now covered with a 100% solvent-free silicone roof, Vacation Village will be protected from the elements for many years to come. The building's owner also received a renewable, 10 year leak-free warranty from Gaco Western that has no ponding water exclusion. Along with the backing of Gaco, in business since 1955, they will have no maintenance costs for the next 10 years (and in 10 years they will have the option to renew the warranty.)

As an added bonus, Florida Power and Light offers a rebate to any business owner who increases their roof's reflectivity. GacoFlex S2000 provides 88% reflectivity keeping the roof cool under the intense south Florida heat and adding to the building's utility savings.



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# Case History



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<b>Type of Project / Name:</b>	<b>Complete Silicone Roof System</b>
<b>Location:</b>	<b>Boca Raton, FL</b>
<b>Specification:</b>	<b>RC-MB/BUR-30-GF20</b>
<b>Contractor:</b>	<b>S &amp; S Painting and Waterproofing, LLC</b>
<b>Customer:</b>	<b>Large Information Processing Center</b>
<b>Problem to be Solved:</b>	<b>Along with the roof needing to be waterproof, the company was looking for utility savings.</b>

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## Substantial energy savings when roof and roof components coated with **GacoFlex S20.**

**PROBLEM:** A large information processing center in southern Florida uses a lot of electricity to keep the building cool and has hundreds of feet of large duct work. The building owner was looking for reflectivity in order to reduce energy costs along with waterproofing.

**SOLUTION:** In order to reduce utility costs, the 40,000 square foot roof as well as the extensive duct work and remote terminal units (RTUs) were coated with GacoFlex S2000 White Solvent-Free 100% Silicone Coating. GacoFlex S2000 provides great adhesion to multiple surfaces including modified, metal and galvanized metal. This project was completed exactly to specification and the result has been zero leaks reported and perfect adhesion.

**UNIQUE CHARACTERISTICS:** The first section was completed with a single coat of GacoFlex E5320 2-Part Epoxy Primer/Filler, however bleed-through occurred due to oils in the modified wicking out which caused mild discoloration of the top coat. A two-pass primer test was then completed to see if the bleed-through could be blocked. It worked, so the building owner then moved on with the next few sections of the roof. A year after the initial section was completed a second coat of GacoFlex S2000 was applied over the discolored surface and to this date has remained bright white.

### **INSTALLATION DETAILS:**

The galvanized metal on the duct work was cleaned and lightly sanded to improve adhesion of GacoFlex E5320. The seams were protected with GacoFlex 66S Polyester Reinforcing Mesh Tape and then GacoFlex S2000 was applied to the ducts in two passes at 0.75 gallons per 100 square feet.

The roof was coated with two passes of GacoFlex E5320 at 0.33 gallons per 100 square feet in each pass. GacoFlex S2000 was then applied at 2 gallons per 100 square feet in one pass.

The RTU units were coated with a single pass application of GacoFlex E5320 and all of the fasteners were covered with GacoFlex SF2000 SeamSeal. All RTU surfaces were top coated with GacoFlex S2000 in two passes at 0.75 gallons per 100 square feet.

To complete the installation, GacoFlex SF2036 WalkPad was applied to make a durable walkway for pedestrian maintenance traffic.

Coating the entire roof (including the duct work and RTU units) has resulted in substantial savings on utilities, prompting the building owner to use GacoFlex S2000 on two more building sections.



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# Case History



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<b>Type of Project / Name:</b>	<b>EPDM Roof Restoration / Alliance Laundry Systems</b>
<b>Location:</b>	<b>Ripon, WI</b>
<b>Specification:</b>	<b>RC-22-GF20 (GacoFlex S20 Silicone)</b>
<b>Contractor:</b>	<b>Oshkosh Industrial Roofing and Sheet Metal</b>
<b>Customer:</b>	<b>Alliance Laundry Systems</b>
<b>Problem to be Solved:</b>	<b>EPDM roof had been heavily patched with many different methods.</b>

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## Roof made up of '100 different roofs' *rejuvenated with* **GacoFlex S20.**



Before



After

**PROBLEM:** When Gaco's Area Manager first met Dwayne Turpin of Alliance Laundry Systems, Dwayne described the facility's 1,000,000 square feet of roof as 100 different roofs all patched together over time. (A million square feet is nearly 23 acres or 14 city blocks!) There was water pooling in many areas and the roof was leaking. Oshkosh Industrial Roofing was brought in to look at this expansive project and devise a cost-effective plan that would tackle all portions of the roof in the same way. The first section of the roof to be addressed was over a part of the plant where powder coating took place. Speed Queen Washer parts are hung from the ceiling on a track system assembly line that takes the parts through various ovens and dunk tanks. If the company had to tear off and re-roof this area, that part of the facility would need to be shut down, costing Alliance money.

**SOLUTION:** Oshkosh Industrial Roofing recommended the GacoFlex S20 Silicone Roof Coating System because it would allow them to rejuvenate all their roofs rather than disrupting operations by tearing off and replacing them. GacoFlex S20 endures permanent ponding water and provides a long-lasting watertight system. Another benefit of coating the roof with GacoFlex S20 was that they could coat all the way up to the hot stacks without any concern of failure; this was crucial to maintaining operations.

The greatest benefit was the cost savings — Alliance Laundry Systems was offered a leak-free warranty at a fraction of the cost of re-roofing, making GacoFlex S20 Silicone Roof Coating System the perfect solution to a very large, problematic roof.

### **UNIQUE CHARACTERISTICS:**

The mechanically-attached and fully-adhered EPDM roofing membrane had been patched numerous times with various methods, creating what Dwayne Turpin of Alliance referred to as 100 different roofs.

### **INSTALLATION DETAILS:**

The roof was surveyed by Oshkosh Industrial Roofing and all wet areas were removed and new insulation installed. Then the areas were made watertight with a coat of GacoFlex S2022 Solvent-Free 100% Silicone Coating; GacoFlex 66S Reinforcing Polyester Mesh was used on seams and uneven areas where a strong, conforming membrane was needed.

The entire roof was then cleaned by pressure washing with GacoWash Concentrated Cleaner. After the surface was allowed to dry GacoFlex E5320 2-Part Epoxy Primer/Filler was applied and allowed to cure. Seams and fasteners were filled with GacoFlex SF2000 SeamSeal and then one coat of GacoFlex S2022 Gray was applied. In order to ensure there was no overspray, S2022 was applied in a ribbon pattern and then back rolled.

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# Case History



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<b>Type of Project / Name:</b>	<b>Hail-Damaged Mod-Bit Roof Restoration / Bishop McGuinness Catholic High School</b>
<b>Location:</b>	<b>Oklahoma City, OK</b>
<b>Specification:</b>	<b>GacoFlex S20 Silicone</b>
<b>Contractor:</b>	<b>Coontz Roofing, Inc.</b>
<b>Customer:</b>	<b>Bishop McGuinness Catholic High School</b>
<b>Problem to be Solved:</b>	<b>Modified bitumen roof received hail damage.</b>

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## Hail-damaged roofs *restored with GacoFlex S20.*



Before



After

**PROBLEM:** Bishop McGuinness Catholic High School is a college-prep secondary school in the Oklahoma City metro area. With an enrollment of 720 co-ed students in grades 9-12, the school complex consists of multiple buildings and athletic fields that run along a major freeway. This area has experienced multiple severe hail storms in recent years and the repeated hail damage has resulted in roofs being removed and replaced at a high cost to the school and their insurance carrier. Ultimately, these repeated costs will result in higher insurance premiums for the school.

**SOLUTION:** Coontz Roofing, Inc., an Oklahoma roofing contractor since 1978, suggested using GacoFlex S20 over the entire 142,700 square foot roof areas on all of the buildings. There was no need to tear off the existing modified bitumen roof which significantly reduced the school's expenses as well as the environmental impact of landfill disposal. Due to the excellent waterproofing capabilities of GacoFlex S20, Scott Coontz was confident the life of the roof would be extended and its performance would meet the needs of the school.

**UNIQUE CHARACTERISTICS:** Applying the GacoFlex S20 Silicone Roof Coating System during the school year presented several challenges. Teacher and student cars were parked daily in and around buildings in multiple parking lots, so application had to be done during extended Thanksgiving and Christmas breaks as well as on weekends. Because GacoFlex S20 can be applied down to 32°F, Coontz Roofing was able to be very productive on this project during the cool November and December months. Application was coordinated daily with the school maintenance supervisor to lessen any disruption of school activities (including a basketball tournament). The size of the buildings varied greatly and many had height issues to overcome.

**INSTALLATION DETAILS:** Most of the roof areas were sprayed using a Gaco-modified Graco<sup>®</sup> X-70 airless spray pump with a 300 foot hose to reach across roof expanses. The higher roof areas were completed first and then the lower roofs. The school administration was pleased with how quickly the process was completed; previous roofing projects had taken several months as opposed to the few weeks to install the GacoFlex S20 Silicone Roof Coating System.

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# Case History



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<b>Type of Project / Name:</b>	<b>Combination Metal &amp; Built-Up Roof Restoration / Goodyear Airport</b>
<b>Location:</b>	<b>Goodyear, AZ</b>
<b>Specification:</b>	<b>RC-MR-GF20 (GacoFlex S20 Silicone)</b>
<b>Contractor:</b>	<b>Todd Conner, Progressive Roofing</b>
<b>Customer:</b>	<b>Sky Harbor Airport Facilities and Services</b>
<b>Problem to be Solved:</b>	<b>Existing roof was not able to bear any additional weight.</b>

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## Goodyear Airport chooses **GacoFlex S2000** *instead of a new roof.*

**PROBLEM:** Goodyear Airport, managed by Sky Harbor Airport Facilities and Services, was experiencing roof leaks caused by ponding water on their 75,000 square foot metal hangar. The building also has a 35,000 square foot built-up roof portion.

Structural engineers warned against applying any additional weight onto the metal roof which meant the airport was likely looking at a very expensive complete roof replacement.

**SOLUTION:** The GacoFlex Area Manager worked extensively with Sky Harbor Facilities to provide the proper specification to coat the metal roof as well as the built-up roof. GacoFlex S20 Series Solvent-Free 100% Silicone Coating was the best solution and additional roof weight wouldn't be a concern: GacoFlex S20 Series Coatings weight only 0.2 pounds per square foot which is less than the weight of rain.

Todd Conner of Progressive Roofing has restored many roofs using GacoFlex S20 Series Coatings. These coatings have FM approval, a highly reflective, glossy finish that can reduce cooling costs, and - most importantly - can endure permanent ponding water without softening.

The Goodyear Airport was able to re-coat their roof instead of replacing it and they can remain confident it will remain leak-free with a 10 year Labor and Materials Warranty.

**INSTALLATION DETAILS:** The roof surface was thoroughly cleaned with GacoFlex D09 and then primed with GacoFlex E5320 2-Part Epoxy Primer/Filler. GacoFlex SeamSeal was used to seal joints and then two coats of GacoFlex S2000 Solvent-Free 100% Silicone Coating was applied.

Goodyear Airport was able to save the roof without adding additional weight to the structure; their cost savings were significant compared to the cost of replacing the entire metal roof.



Before: built-up roof section.



After: metal roof section.

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# Case History



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<b>Type of Project / Name:</b>	<b>Metal Roof Restoration / Cherokee Building Materials</b>
<b>Location:</b>	<b>Oklahoma City, OK</b>
<b>Specification:</b>	<b>RC-30-GF20</b>
<b>Contractor:</b>	<b>Coontz Roofing, Inc.</b>
<b>Customer:</b>	<b>Cherokee Building Materials of OKC, Inc.</b>
<b>Problem to be Solved:</b>	<b>Metal roof had developed many leaks.</b>

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## Building material supplier solves leaking roof problems *with GacoFlex S20.*

**PROBLEM:** Cherokee Building Materials of Oklahoma City supplies drywall and metal studding to commercial builders. Their facility is a metal building that is approximately 30 years old. While the building has served them well, in recent years numerous leaks have developed in the metal roof.

**SOLUTION:** Coontz Roofing Inc., an Oklahoma roofing contractor since 1978, suggested using the GacoFlex S20 Silicone Roof Coating System over the entire 28,200 square foot roof area. Because the leaks seemed to originate from the screws and metal seams, repairs could easily be made to the existing metal roof deck before the coating was applied.

**UNIQUE CHARACTERISTICS:** Applying the GacoFlex S20 Silicone Roof Coating System presented several challenges. Due to limited parking area around the facility, both employee and customer vehicles were parked near the building. Customer pick-ups and deliveries of new materials created a constant stream of vehicles coming and going all day. Application was coordinated daily with the yard supervisor to lesson any disruption of business activity. On windy days, to avoid the possibility of overspray on vehicles, the application was done after 5pm closing time and on weekends.

**INSTALLATION DETAILS:**

Once the roof area was cleaned with GacoWash Concentrated Cleaner and thoroughly power washed and allowed to dry completely, the entire roof received a coat of GacoFlex E5320 2-Part Epoxy Primer/Filler which was then allowed to dry. All fasteners, vertical and horizontal seams, skylight perimeters and other roof openings were sealed with GacoFlex SF2000 SeamSeal Solvent-Free Silicone Sealant to make these areas watertight. Much of the prep work to fasteners and seams had to be done by hand using brushes and rollers.

Once the entire roof was prepped, GacoFlex S20 Solvent-Free 100% Silicone Coating was applied over the entire roof area using a Gaco-modified Graco X70 Airless Sprayer with a 300 foot hose to reach across roof expanses.

The facility manager was pleased with how quickly the process was completed and how little disruption there was to their daily business. A few days after completion, the area experienced a heavy rain – the building's general manager commented that it was the first time in years that they did not experience a single leak in the entire facility.



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# Case History



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<b>Type of Project / Name:</b>	<b>Mod-Bit Roof Restoration / Westin Hotel</b>
<b>Location:</b>	<b>Kansas City, MO</b>
<b>Specification:</b>	<b>GacoFlex S20 Silicone</b>
<b>Contractor:</b>	<b>Sellers and Marquis</b>
<b>Customer:</b>	<b>The Westin Kansas City at Crown Center</b>
<b>Problem to be Solved:</b>	<b>Modified bitumen roof nearing end-of-life.</b>

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## Hotel roof restored using **GacoFlex S20.**



The Westin Kansas City  
at Crown Center



The completed roof coated  
with GacoFlex S20.

**PROBLEM:** Located in the heart of downtown Kansas City, Crown Center features shops, hotels, restaurants, and theatres. This 'city within a city' also includes residences and businesses adjoining the corporate headquarters of Hallmark Cards, Inc., parent of Crown Center Redevelopment Corp.

The complex includes a hotel owned by Crown Center and operates as The Westin Kansas City at Crown Center. The hotel follows a regular maintenance schedule for its roofs. As Crown Center building engineers planned a new roof for the Westin, they realized that they were at a crossroads. They either had to pay the expense of installing a new roof or find a way to extend the life of the existing roof another 10-15 years.

**SOLUTION:** Sellers and Marquis, a Kansas City-based roofing contractor, elected to apply the GacoFlex S20 Roof Coating System over the entire 39,100 square foot roof. There was no need to tear off the existing modified bitumen roof, significantly reducing the expense and the environmental impact of landfill disposal. And with GacoFlex S20's excellent waterproofing capabilities, Sellers and Marquis felt confident that the life of the roof would be extended and its performance would meet the needs of the hotel.

The white GacoFlex S20 coating also provides a 'green' solution. It reflects UV sunlight, reducing the need for cooling in summer, and it reduces the urban heat island effect. Coating instead of reroofing proved a more environmentally-friendly, sustainable solution.

Maintenance Division Manager at Sellers and Marquis, Mike Davis, said "The customer was very pleased with our results. Using GacoFlex S20 will open doors for us where customers want to extend the life of their roof instead of replacing it."

**UNIQUE CHARACTERISTICS:**

The Westin Kansas City at Crown Center is a luxury hotel, and hotel guests certainly expect not to be disturbed during their visit. Mike Davis described the logistics of repairing the roof as 'landlocked.' In the middle of the city it was very difficult to complete the project without disturbing the guests while making space to work.

**INSTALLATION DETAILS:**

Another consequence of being landlocked is that the contractor couldn't set up a crane. Davis moved the components of a hoist up the elevator, and then set up the motorized hoist on the roof to pull a 300-lb hose to the top. Sellers and Marquis sent up an X-70 pump, extruded the GacoFlex S20 out of the hose, and then applied it with a roller. Because of the urban environment, Davis couldn't risk overspray.

Another challenge of the job was the lack of parapet walls. Workers had to be harnessed full-time with additional tie-off points, so progress was much slower than usual.

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# Case History



**Type of Project / Name:** Flat Roof Restoration  
**Location:** Miami, FL  
**Specification:** GacoFlex S20 Silicone Roof Coating System  
**Contractor:** Florida Standard Roofing  
**Customer:** Cutler Plaza  
**Problem to be Solved:** Roof was experiencing leaks following faulty patchwork by contractors.  
**Completion Date:** September 2016



# GacoFlex S20 Silicone Roof Coating System

makes the patch work pretty on this leaking roof.



*Before the roof restoration was complete.*



*GacoFlex SF2036 WalkPad Silicone Walkway System was applied after S20 Silicone Roof Coating System.*

**PROBLEM:** The property owners were experiencing leaks in places where contractors had improperly patched the roof. They were ready to have the roof torn off and completely re-done.

**UNIQUE CHARACTERISTICS:**

Miami experiences a lot of rain and hot temperatures which can be stressful on roofs. In addition, the location of the building would have made it difficult for trucks to enter and exit the property with building materials.

**SOLUTION:** Florida Standard Roofing inspected the roof and found it to be a perfect candidate for the GacoFlex S20 Silicone Roof Coating System. This system can be applied to virtually any existing roof to create a durable, glossy, seamless membrane that seals and protects against permanent ponding water, ultraviolet light, rain and extreme heat. Florida Standard Roofing would simply repair any damaged parts of the roof and then apply the GacoFlex S20 Silicone Roof Coating System. This is an extremely appealing solution because it is much more cost-effective than an entire re-roof project.

**INSTALLATION DETAILS:** The faulty patch-work was repaired and then the roof was washed with GacoWash Concentrated Cleaner. After the roof dried, GacoFlex E5320 2-Part Epoxy Primer/Filler was applied and allowed to dry. Pitch pans and roof drains were then sealed using GacoFlex SF2000 SeamSeal Solvent-Free Silicone Sealant and given ample time to cure. Next, GacoFlex S20 Solvent-Free 100%

Silicone Roof Coating was applied. Finally, GacoFlex SF2036 WalkPad Silicone Walkway System was applied around all air conditioning units to provide additional durability and resistance to traffic and tears.

The property owner was very satisfied with the roof restoration, which saved them 50% of what an entirely new roof would have cost and eliminated the risk of damages and injury to customers and their belongings. Also, there was no risk to the building itself from sudden rains which can occur during the summer months and create problems during a longer re-roofing process.

“This is a great product that looks great as well! We’re glad Florida Standard Roofing gave us the option to restore the roof – no other contractor offered us that.”

The building tenants didn’t even know when the restoration was happening – there was virtually no noise or foul odors, and no falling debris to worry about.

Florida Standard Roofing enjoyed this project. “Once again Gaco and their products did not disappoint. This was our first time using their GacoFlex SF2036 WalkPad and the help and guidance of our GacoFlex Area Manager made this step very, very easy. We will continue to push this product to all of our customers. Gaco stands by the quality of their products as do we.”

Florida Standard Roofing is a Gaco Western Qualified Applicator.





# Case History



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**Type of Project / Name:** TPO Roof Restoration / Industrial Manufacturer  
**Location:** Sunnyvale, CA  
**Specification:** GacoFlex S20 Silicone  
**Customer:** Alliance Roofing, Josh Barthel  
**Problem to be Solved:** Existing TPO roof was deteriorating.

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## Manufacturer's failing roof restored using **GacoFlex S20.**

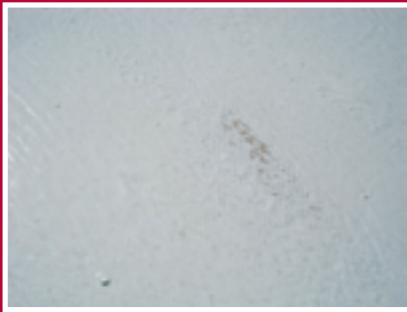
**PROBLEM:** A major industrial manufacturer faced a roof that was failing prematurely, and in their design and manufacturing environment leaks were absolutely unacceptable. The existing roofing system was installed in California's Bay area, and the single-ply TPO system from a leading manufacturer was failing prematurely. The existing 10-year old roof was a TPO system that has suffered accelerated deterioration due to faulty manufacturer membrane. Initial repair attempts consisted of single-ply membrane replacement at certain target areas. Despite replacement of the membrane at the deficient areas, leaks continued to haunt the customer and Alliance Roofing, forcing Alliance to find a cost-effective solution to eliminate future leaks.

**SOLUTION:** Given the critical need to maintain watertight conditions for the manufacturing facility, and provide a long-lasting system for the customer, the roof was coated with GacoFlex S20 Silicone Roof Coating. Over the last two years some Alliance Roofing customers have installed new or restored roofs using the petroleum-free, solvent-free GacoFlex S20 Roof Coating System. GacoFlex S20 also features the FM approval rating over single-ply roofing. These locations have acted as a testing ground to

check for adhesion between the existing roofing and new coating materials. Says Alliance Roofing's Josh Barthel, "We saw excellent adhesion results and noted that the coating endures under harsh, ponding water conditions (locations where target patches were applied). We felt a high level of confidence in providing our customer with a very high-quality system adapted to existing conditions."

**UNIQUE CHARACTERISTICS:** A common area where existing single-ply damage was found was at field membrane-to-walkpad attachment points. To eliminate the problem found in these areas, yet still maintain the existing walkpad surface and color, the coating system was overlapped on either side of the walkpad surface, roughly 4", sealing the defective area.

**INSTALLATION DETAILS:** The existing roof surface was thoroughly cleaned with the use of power-washing equipment, bristle brooms, and a diluted tri-sodium phosphate cleaner before GacoFlex S20 was applied. Ensuring that the existing roof surface was extremely well cleaned made Alliance Roofing more confident in good bonding adhesion between the new and existing products.



Before applying GacoFlex S20 the existing roof had significant deterioration.

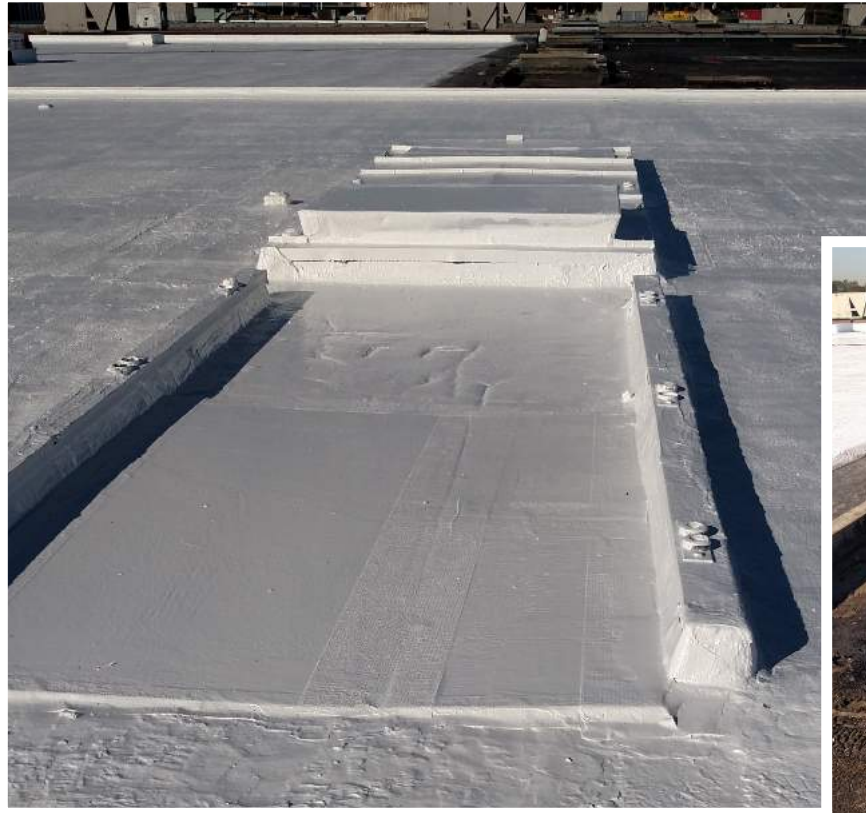


After applying GacoFlex S20 the roof surface is smooth and defect-free.

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# Case History



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**Type of Project / Name:** Commercial Roof Restoration / Town East Crossing  
**Location:** Mesquite, Texas  
**Specification:** RC-MB, SBUR-46-GF20  
**Contractor:** Griffith Roofing Company, Inc. / Jeremy White  
**Problem to be Solved:** 25-year-old roof had many leaks present and needed to be repaired or replaced.

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Retail Shopping Mall's 25-year-old roof was transformed with

## **GacoFlex S20 Roof Coating System.**



The roof was washed with GacoWash Concentrated Cleaner and allowed to dry.



GacoFlex S20 being applied over GacoFlex E5320 2-Part Epoxy Primer/Filler.



Making sure all cracks were filled.

GacoFlex S20 Roof Coating System /  
Commercial Roof Restoration, Mesquite, TX

**PROBLEM:** After 25 years of enduring the Texas sunshine the roof had a cracked and deteriorated fiberglass membrane top cap. In addition, hail had damaged the existing membrane allowing for leaks. Since the owner had the building for sale and couldn't sell it in the existing condition, and a reroof was double the cost, offering a warrantied leak-free solution without performing a complete tear-off, would prove to be beneficial for the seller and to future owners of the building.

**SOLUTION:** The **Griffith Roofing Company** team decided a recoat with GacoFlex S20 was the best solution for Town East Crossing. Avoiding a tear off would greatly reduce labor and material costs, and coating the existing roof would reduce the building owner's and contractor's risk to future leaks.

### **UNIQUE CHARACTERISTICS:**

Due to the dry and cracking asphalt the team removed all loose and brittle tar.

The GacoFlex S20 Series Solvent-Free 100% Silicone Coating was sprayed and back rolled to ensure all cracks were filled to ensure water tightness for years to come.

**INSTALLATION DETAILS:** The roof was washed with GacoWash Concentrated Cleaner and allowed to dry. Then the GacoFlex E5320 2-Part Epoxy Primer/Filler was applied. After that all seams and penetrations were sealed using GacoFlex SF2000 SeamSeal Solvent-Free Silicone Sealant. After allowing sufficient time for the SeamSeal to cure, the GacoFlex S20 Series Solvent-Free 100% Silicone Coating was installed to create a waterproof membrane over the existing roof. Finally, GacoFlex SF2036 WalkPad Solvent-Free Silicone Walkway Systems were installed.





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## **IGOE INTERNATIONAL LTD**

UK: Gaco Flat Roofing Solutions

93-99 Mabgate Business Centre, Leeds,  
LS9 7DR

Tel: **0845 555 8801**

Email: [info@GacoFlatRoofingSolutions.Com](mailto:info@GacoFlatRoofingSolutions.Com)

Ireland: Igoe International Ltd

135 Slaney Road, Dublin Industrial Estate,  
Dublin 11, Ireland

Tel: **(01) 830 22 50** • Mobile: **Irl 087 2456078**

Email: [info@GacoFlatRoofingSolutions.Com](mailto:info@GacoFlatRoofingSolutions.Com)

Visit: [www.GacoFlatRoofingSolutions.Com](http://www.GacoFlatRoofingSolutions.Com)

