



GAF

We
protect
what
matters
most™

SUKOT®
ROOFING

A **standard** INDUSTRIES COMPANY

The GAF logo consists of the letters "GAF" in a bold, white, sans-serif font, centered within a solid red square.

We
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The standard logo features the word "standard" in a lowercase, grey, sans-serif font. A small red roof icon is positioned above the letter "a".

¿Quién es GAF?

- El fabricante de techos e impermeabilizantes más grande de Norteamérica.
- Establecido en 1886 en Estados Unidos
- Pertence a Standard Industries, un conglomerado de alcance mundial, con más de 20.000 empleados, 180 fábricas en 80 países y facturación anual superior a US\$11 B

The SUKOT ROOFING logo features the word "SUKOT" in a large, bold, black, sans-serif font. A small black roof icon is positioned above the letter "O". Below "SUKOT" is the word "ROOFING" in a smaller, black, sans-serif font.

Internal use only - No for distribution

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Ubicaciones de las Plantas GAF

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SUKOT
ROOFING

A standard INDUSTRIES COMPANY



Locations

- | | |
|--|--|
| 1 Addison, Texas
Corporate Headquarters | 14 Minneapolis, Minnesota
Residential roofing plant |
| 2 Arkadelphia, Arkansas
Mod bit plant | 17 Mount Vernon, Indiana
Residential roofing plant |
| 3 Baltimore, Maryland
Residential roofing plant | 18 Myerstown, Pennsylvania
Residential roofing plant |
| 4 Burgaw, North Carolina
Specialty building products plant | 19 New Columbia, Pennsylvania
Specialty building products plant |
| 5 Cedar City, Utah
Commercial roofing plant | 20 Parsippany, New Jersey
Corporate Headquarters
R&D center |
| 6 Charleston, South Carolina
Coatings plant | 21 Phoenix, Arizona
Coatings plant |
| 7 Chester, South Carolina
Fiberglass mat plant | 22 Savannah, Georgia
Residential roofing plant |
| 8 Cumming, Georgia
Specialty building products plant | 23 Shafter, California
Residential roofing plant |
| 9 Dallas, Texas
Residential roofing plant | 24 Statesboro, Georgia
Commercial roofing plant |
| 10 Ennis, Texas
Residential roofing plant
Fiberglass mat plant
R&D center | 25 Stockton, California
Commercial roofing plant |
| 11 Fontana, California
Residential roofing plant
Commercial roofing plant | 26 Tampa, Florida
Residential roofing plant |
| 12 Gainesville, Texas
Commercial roofing plant | 27 Tuscaloosa, Alabama
Residential roofing plant |
| 13 Gurn Springs, Arkansas
Coatings plant | 28 Walpole, Massachusetts
Coatings plant |
| 14 Irving, Texas
Special Corporate Headquarters | 29 Wind Gap, Pennsylvania
Specialty building products plant |
| 15 Michigan City, Indiana
Residential roofing plant | |

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¿Por qué TPO?

- Desempeño a largo plazo: excelente resistencia al calor y a los rayos UV
- Estanqueidad: las uniones se fusionan creando una membrana monolítica hermética al agua
- Ahorro energetico: altamente reflectante y emisiva, contribuyendo a la reducción de los costos energéticos
- Intrínsecamente flexible y resistente a los hongos: no necesitas plastificantes o biocidas

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¿Por qué PIR?

- Eficiencia Térmica: con uno de los valores R por pulgada más altos de la industria
- Ahorro energético: con un aislamiento superior, el PIR ayuda a mantener una temperatura interior estable, lo que se traduce en un menor consumo de energía
- Resistencia al Fuego, es un material termoestable que no se derrite ni gotea cuando se expone a las llamas

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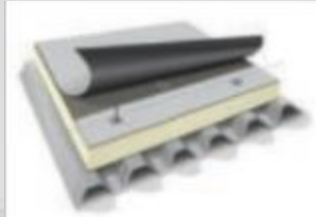
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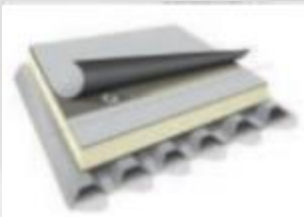


Sistemas Anclados Adheridos y Rhino

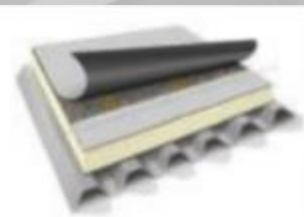
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**Mechanically
Attached Smooth
with Drill-Tec™
Fasteners**



**Fully Adhered
Smooth**



**GAF
RhinoBond[®] †
System**

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¿Por qué TPO GAF?

- Garantía del mayor fabricante norteamericano de techos, con más de 139 años de historia.
- SRI, el estudio **independiente** más extenso jamás conducido acerca del desempeño de las membranas de TPO muestran que GAF tiene las membranas de TPO con el mejor rendimiento en pruebas de envejecimiento acelerado.
- Contamos con 5 plantas de TPO Y PIR con la tecnología más avanzada.



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ESTUDIO COMPARATIVO SRI

Internal testing

Used old
competitive
material

Didn't present
performance
data

There's NO Independent 3rd Party Testing!

Didn't always
show all samples

Cherry picked
your own
material

Not using the
right
measurement

✓

Recent product

- Produced in similar time frame

✓

Produced in all plants

✓

Multiple rolls

✓

Different days production

✓

All manufacturers

✓

Testing by reputable firm

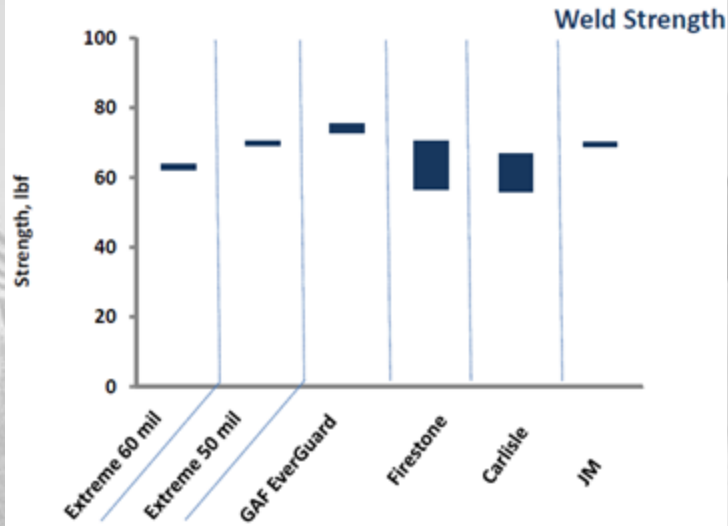
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ESTUDIO COMPARATIVO SRI

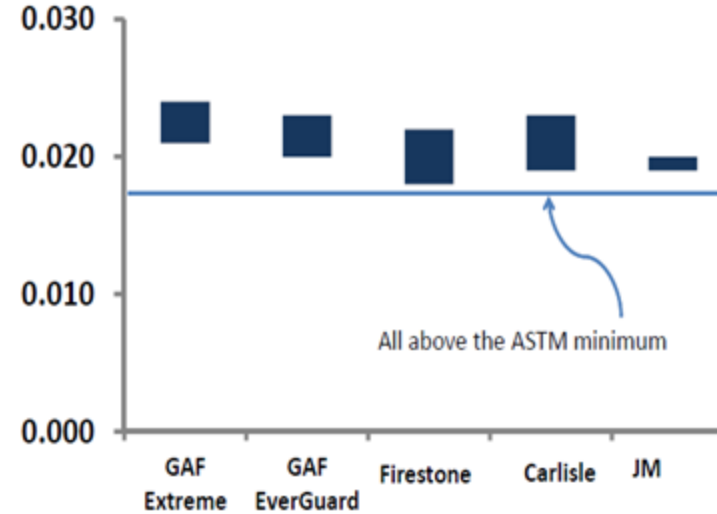
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Not a Big Difference in Physical Properties...



60 mil Thickness Above Scrim

Thickness Over Scrim, mil



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What Cracking Means...

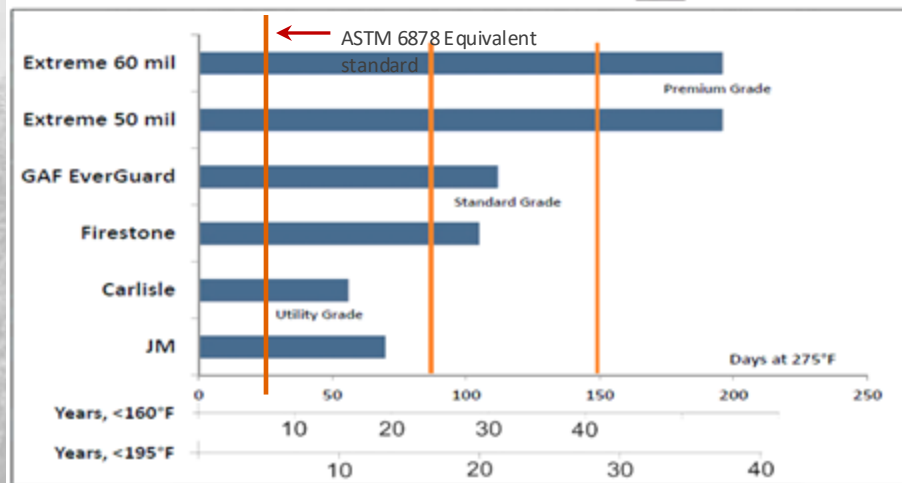
Test Sample



Real World



Time Before Failure Begins (>1.5% wt. loss OR cracking)



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Weight Loss Can Lead To...



Why Test?

As products weather they lose polymer

What does it mean?

TPO loses weight when it's not formulated correctly

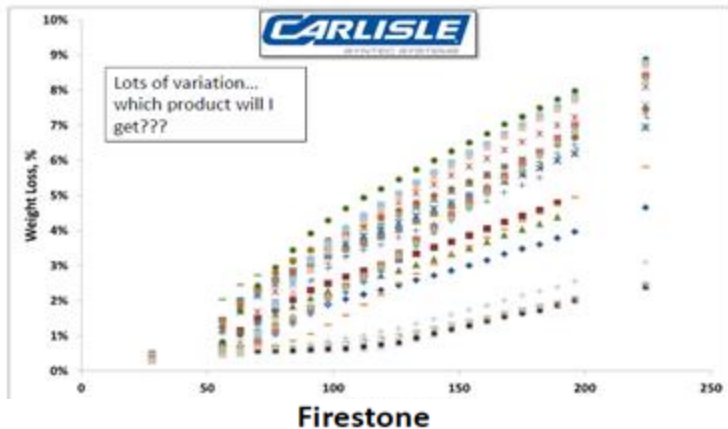
How to talk about it?

The more weight you lose, the less material you have to protect your roof

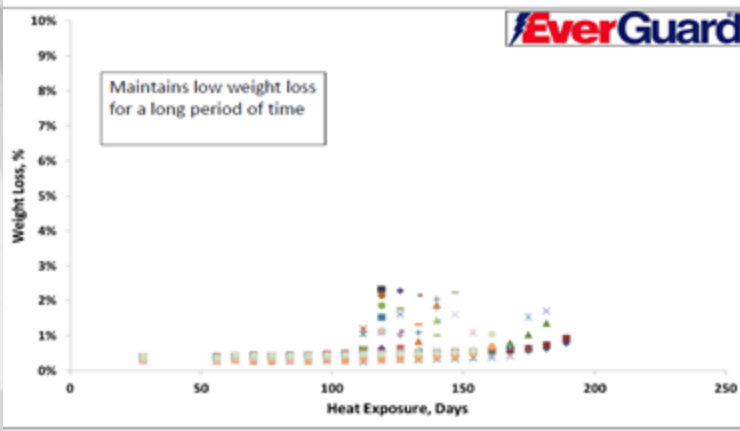
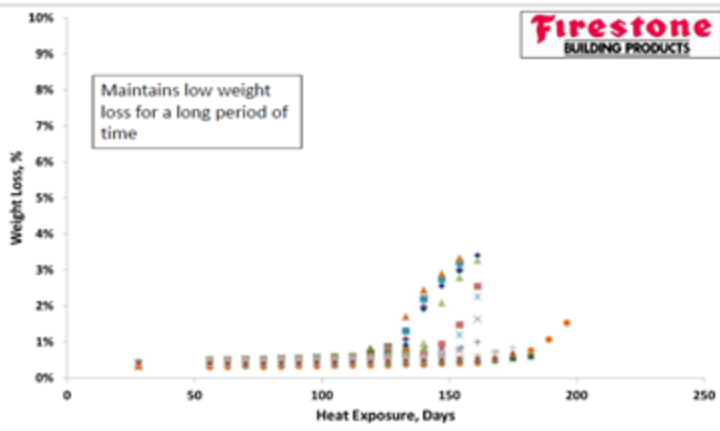
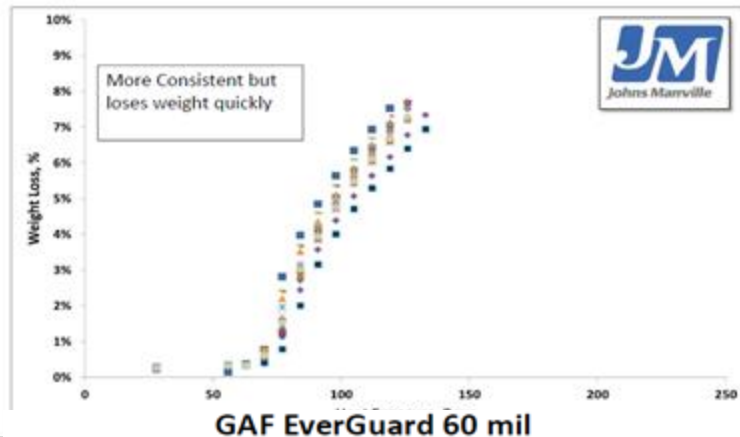
Competitive learning of eroding membrane

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Poor Formula & Inconsistent



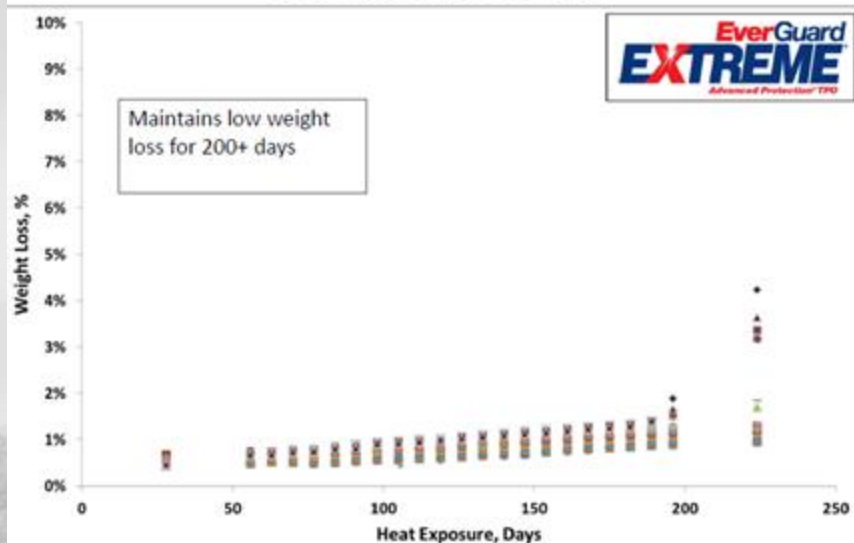
Poor Formulation...But Consistent



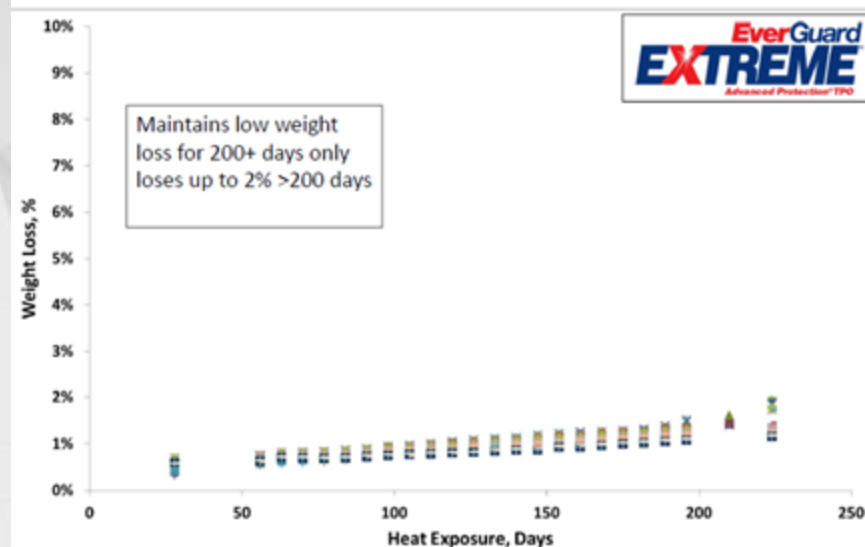
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ESTUDIO COMPARATIVO SRI

GAF Extreme 50 mil



GAF Extreme 60 mil



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Conclusiones del Estudio

- Todo TPO excede las normas ASTM de especificación
- Las propiedades físicas son todas similares
- Existen grandes diferencias en la predicción de la intemperización.
- GAF tiene los 3 mejores TPO's
- GAF Everguard es superior a todos los demás TPO's

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