

FireShield® Brochure

Updated: 7/11



*Quality You Can Trust...From
North America's Largest Roofing Manufacturer!™*

www.gaf.com

TOPCOAT[®]
LIQUID APPLIED ROOFING

FIRE[®] SHIELD[®]

Roof Restoration System

Makes
EPDM
or
Asphaltic
RooFs

**safer...
and
saves
money
too!**



Quality You Can Trust...
From North America's
Largest Roofing Manufacturer!™

So Fire Resistant... It Makes Any EPDM Roof

Class A Fire Safe – Instantly!

(And Maintains Or Improves The Fire Rating On Asphaltic Roofs Too!)



Your Current Roofing System May Not Be Giving You The Protection You Need... Here's Why:

Safety Concerns...

- **Facility Use Change...** Your building may not have been constructed to meet the standards required for its current use (do you even know what your roof's fire rating is?).
- **System Degradation...** Class A installations can gradually lose fire resistance over time.
- **Fire Spread...** Most conventional Class A rated systems do not extinguish sparks once they start.
- **Not Truly Class A...** Recent testing¹ has shown that some EPDM roofs thought to be Class A may not meet the criteria for passing the Class A fire test!

Wasted Money...

- **Insurance Costs...** Class A roofs may qualify for lower premiums and deductibles (some carriers are even reluctant to insure Class B or Class C roofs!).
- **Energy Costs...** Traditional roofing systems—asphalt, EPDM, metal—have limited (or no, in the case of EPDM) reflectivity and don't meet new cool roofing codes—resulting in additional energy and building operating costs.

Now, FireShield® Systems Are The Only Way To Get Maximum Fire Protection And Energy Savings — Instantly!

Unsurpassed Fire Protection...

Patent-pending technology can turn virtually any UL-Classified EPDM (and some asphaltic) roof systems—existing or new—into a UL Class A rated roof...instantly!



Reduces Operating Costs...

Highly reflective membrane is listed by the Cool Roof Rating CouncilSM (CRRC)—and cuts heat gain to help preserve roofing, lower interior temperatures, and reduce cooling costs.



Restores Your Roof...

Unlike cheap coatings, Topcoat® FireShield® is a complete SeamFree™ membrane system that restores your roof and is backed by comprehensive warranties.

Fast, Easy Installation (With Low VOC's!)...

Sprayable FireShield® systems install fast, without the staging or clean-up associated with traditional systems.

Proven Technology...

Based on Topcoat® technology that has been protecting roofs and valuable assets underneath for over 20 years!

Use With Any Deck...

Most slopes on virtually any deck type.

FireShield® Membrane Works With Virtually Any Deck Type...Resulting In A Safer, Class A, Energy-Efficient Roof:

- Steel
- Concrete
- Plywood
- Tectum
- Gypsum
- Lightweight Insulated Concrete
- T & G Wood Planks
- Recover Applications

¹2003 Test Series Of Single-Ply Roof Assemblies, Hughes Associates, Inc., October 24, 2003, Presented to the Midwest Roofing Contractors Assoc.

Nothing Compares To TOPCOAT® FireShield®...

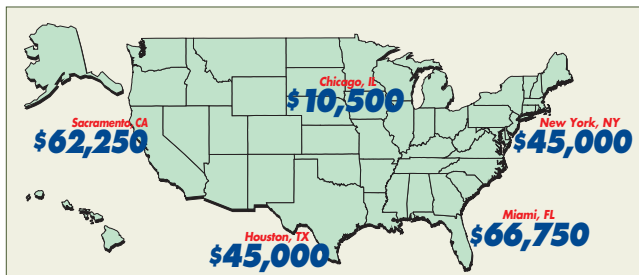
Compare These Benefits...

	TOPCOAT® FireShield® System	Typical "White" Coatings	Premium Aluminum Coating
Class A fire safe on EPDM and many asphaltic roofs?	Yes	No	No
Provides Class A over any deck (wood, concrete, metal, etc.) for asphaltic & EPDM roofs?	Yes	No	No
Can restore (not just coat) your existing roof?	Yes	Maybe	No
Potential to lower insurance rates?	Yes	No	Maybe
Manufacturer-backed material and labor coverage — without re-roof?	Yes	Maybe	No
CRRC SM listed; provides energy savings and qualifies for potential rebates?	Yes	Maybe	No
Can be used on existing or new roofs?	Yes	Yes	Yes
Spray, brush, or roll on?	Yes	Maybe	No
Low VOC acrylic formulation meets Title 24 requirements?	Yes	Maybe	No
Moderate investment?	Yes	Yes	Yes

Estimated Energy Savings Of A 50,000 Ft²

TOPCOAT® Roof Over 15 Years*

(Based On Data From Oak Ridge National Labs, U.S. Dept. Of Energy)



* Energy savings estimates are based on energy and fuel cost data provided by ORNL web site at the time of print and does not take into consideration energy cost fluctuations over time. Assumptions used in the savings calculations include: R-value of 19; infrared emittance of .89; COP of 2; in total solar reflectance of 81%; average heating system and A/C system efficiency. The results are examples — age of building, geographical locations, your exact energy/fuel costs as well as other factors will affect your specific situation.

To calculate the savings in other cities, visit the ENERGY STAR® web site at:
www.ornl.gov/sci/roofs+walls/facts/CoolCalcEnergy.htm



Comprehensive Warranty Protection Backed By GAF—At No Charge!

GAF's **Emerald Pledge™ NDL Restoration Warranty*** provides you with comprehensive protection for 10 years. If your FireShield® membrane leaks because of material defects, the costs to repair your FireShield® membrane are 100% covered!

- **100% Coverage Against Material Defects...**
On TOPCOAT® FireShield® membranes.
- **No-Dollar-Limit Watertightness Coverage...**
Includes material and labor costs to fix manufacturing defects which affect the product's ability to maintain the roof in watertight condition.
- **Less Hassles...**
No inspection and no fees are required.
- **Your Best And Safest Choice...**
Backed by GAF, North America's Largest Roofing Manufacturer—over a billion dollar company



Optional Diamond Pledge™ NDL Guarantee* Protects New Roofing Systems For Up To 20 Years!

- Available when FireShield® membrane is installed as part of a new BUR, MB, or single-ply roofing system
- Covers problems arising from either material defects or workmanship errors
- Includes full inspection of the finished roof by professional quality assurance representatives

* See warranty and guarantee for complete coverage and restrictions.

Premium Coatings

Extend The Life Of Your Existing Roof.

TOPCOAT
LIQUID APPLIED ROOFING

Do you have an aging asphaltic or single-ply roofing system?
TOPCOAT® Coatings can:

- **Extend The Life** – Reflecting damaging UV rays helps to extend the life of your roofing system
- **Make It Energy Efficient** – Saving property owners on cooling costs; a greener choice that can qualify for LEED® credits or provide ENERGY STAR® qualification (U.S. only)
- **Restore The Look Of An Aging Roof** – To make it look new again

3 Steps To Comprehensive Low-Slope Roof Restoration (EPDM, TPO, CSPE, PVC, BUR, Modified Bitumen, Concrete)



Step 1-**Prep**

Existing roof is thoroughly cleaned



Step 2-**Seal**

All seams, fasteners, & penetrations are sealed



Step 3-**Coat**

TOPCOAT® coatings are applied



*“Most Aging Asphaltic And
Single-Ply Roof Systems
Can Be Transformed With
TOPCOAT® Coatings!”*

Finished Roof



Quality You Can Trust... From
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