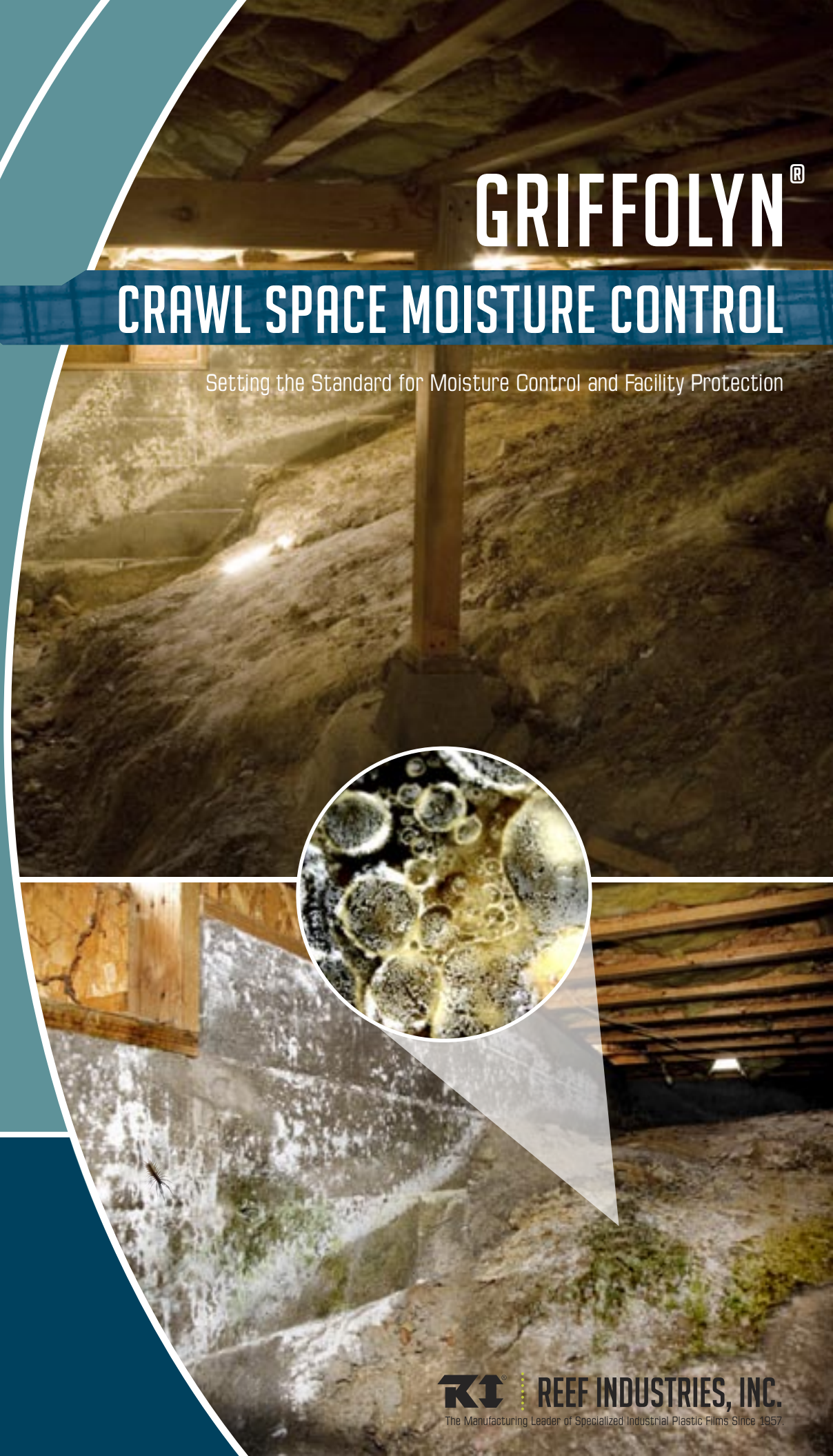


GRIFFOLYN[®]

CRAWL SPACE MOISTURE CONTROL

Setting the Standard for Moisture Control and Facility Protection



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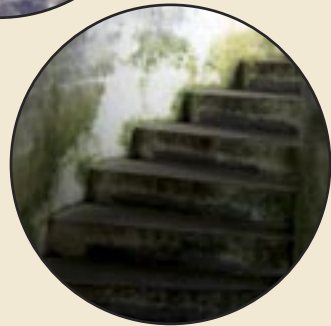
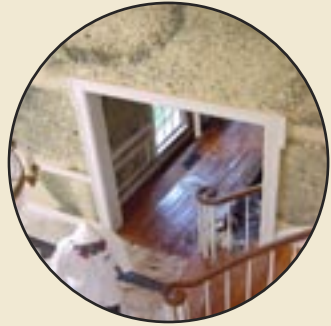
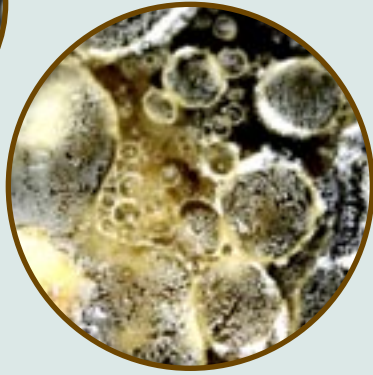
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CRAWL SPACE PROBLEMS

One of the leading sources of health related problems and moisture related damage to a home is caused by ventilated dirt crawl spaces. Damp crawl spaces typically create unpleasant odors, foster environments that lead to severe health issues, degrade energy efficiencies, allow insect and vermin infestations and ultimately result in the deterioration of a home.

Each year, countless building and home owners suffer crawl space system failures due to moisture and other destructive forces of nature. Anyone who has lost the use of their home due to moisture in walls or flooring failures can attest to the costs and inconveniences involved.



Research and experience has shown that insecticides and re-insulation alone only serve in temporarily disguising the problem. The only effective way to keep these problems from re-surfacing is to focus in eliminating the moisture source at the beginning of construction.

CRAWL SPACE SOLUTIONS

Ventilated dirt crawl spaces provide a source of moisture that can lead to mold, mildew, fungus and even structural wood damage. It has been shown that unvented and conditioned crawl spaces with an effective crawl space membrane provide better moisture control than vented crawl spaces.

For nearly 50 years, Griffolyn® Vapor Retarders made by Reef Industries, Inc. have been used for under slab, walls, and roof applications becoming one of the industry standards. Reef Industries has now developed a permanent and affordable solution for crawl space moisture control. The company is a leader in the manufacture of patented high-strength industrial plastic films used in the Griffolyn® System offering the very latest technology for sealing a crawl space permanently.



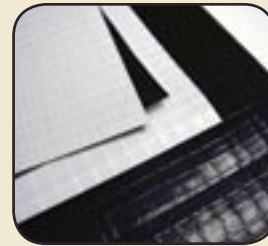
Reef's advanced technology products are designed to help maintain humidity levels in the crawl space for occupant comfort in the home. The Griffolyn® System is performance engineered to control moisture and protect homes from deterioration caused by moisture. Made from durable and strong, internally reinforced polyethylene laminates, the Griffolyn® System withstands extreme temperatures and is highly resistant to punctures and tears.



THE GRIFFOLYN® SYSTEM

The main components of the Griffolyn® System are several grades of high performance polyethylene material made of HDPE or LLDPE. They are reinforced with a heavy duty polyester cord grid for high strength and durability and can be obtained in either black or white. Stock rolls are available for immediate shipment or material can be manufactured in sizes to meet specific project requirements up to 100' x 100', greatly reducing the number of in-field seams and the costly time and labor of cutting the product to size in the field.

THE GRIFFOLYN® MATERIAL



Griffolyn's high strength and low permeance keeps moisture out of the crawl space preventing deterioration, mold, mildew and decay.

PIPE BOOTS



The application of pipe boots helps maintain the integrity and performance of the vapor retarder system.

FAB TAPE



Fab Tape is an asphaltic mastic which creates a durable field seam between multiple vapor retarder sections.

CHECK LOCAL BUILDING CODES FOR THEIR REQUIREMENTS.

WHAT YOU DON'T WANT

The majority of flooring failures result directly from a high emission of moisture from the crawl space. It is said that moisture is the largest single problem in the flooring and coated surfaces industries today. Many of the vapor retarders installed under flooring systems do not perform adequately due to improper installation, placement, or puncturing. Ineffective vapor retarders will not reduce permeability enough to control even the small amount of moisture it takes to interfere with the bond integrity of modern flooring systems.

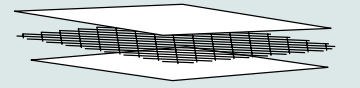
Sample of deteriorated 6 mil polyethylene used as a vapor barrier that was removed after it proved to be ineffective and very costly.



Another company's way of sealing and securing a vapor barrier that was removed after it proved to be ineffective and very costly.



Another company's vapor barrier held together by inferior tape.



No other product line on the market can match the unique quality and performance characteristics of Griffolyn®



A sample of a deteriorated vapor barrier removed from a building.

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