

# SpecRite

January, 2004

from National Guard Products, Inc.

## The Next Generation

### Edge Sealing Systems/Smoke & Draft Control Gaskets NOW!

By Roger P. Skold Jr. AHC  
Technical Director

In 2003 new Design concepts were conceived by the engineers, new design details and prototypes were produced by the extrusion specialists, and tested and listed by the independent testing Labs.

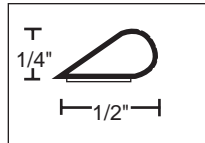
In 2004 yesterday's new concepts are now today's technology debuting on Category 'B' Fire-Rated & 'S' Labeled Wood Doors, improving our industry.

So what exactly is new and different in these next generation seals?

Some are new designs to help overcome often encountered field conditions such as tight fitting doors/frames caused by an accumulation of tolerances or poor installation, where the frames are not set to be plumb, level and square.

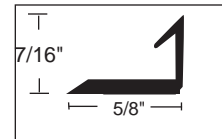
Others incorporate an existing edge sealing system into a new design that adds features to meet 'S' label Smoke & Draft Control requirements.

Meet the Next Generation of combined Edge Sealing Systems/Smoke & Draft Control Seals:



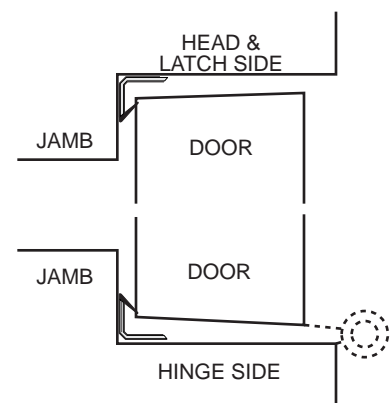
#### 5050

Our famous silicone bulb seal is completely overhauled. In fact everything is new except the high temperature resistant silicone formula. The overhaul resulted in reducing the wall thickness to now use the same thinner wall used on its trimmer sibling, 2525. We've added an almost imperceptible inner groove to help it be able to compress almost flat. Most impressively we've traded-in our old adhesive for a new 'world class' super aggressive wider strip with higher initial grip and stronger long term bonding capability. 5050 is a Category 'G' Edge Sealing System up to 20 minute, and a Category 'H' Smoke and Draft Control gasket up to 3 hours.

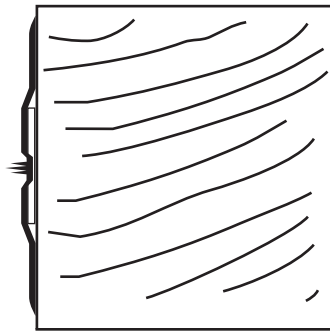


#### 9450

New! Designed for easier fit between doors with tight clearances by using our single 'batwing' fin across from an intumescent seal. This Category 'G' Edge Sealing System / Category 'H' Smoke and Draft Control Gasket is our "engineers choice" for use on the perimeter of Category 'B' Wood Fire-Rated Doors up to 90 minute.

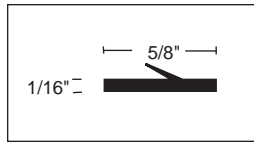
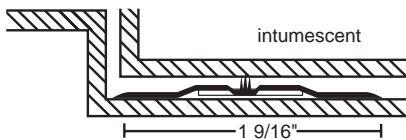


Intumescent Door Edge



9550

New! Design works great for Astragal/Meeting Edge of pairs. This gasket takes our patented 9500 design and incorporates 3 small fins to stop the spread of smoke making this item our "engineers choice" for Astragal/Meeting Edges. This Category 'G' Edge Sealing System / Category 'H' Smoke and Draft Control gasket may also be used on the perimeter of Category 'B' Wood Fire-Rated doors up to 90 minutes.



9850

New! Design incorporates our intumescent strip with a fin for smoke, eliminating the need for installing two separate gaskets. This Category 'G' Edge Sealing System / Category 'H' Smoke and Draft Control gasket may be used on Category 'B' Wood Fire-Rated doors up to 90 minute mounted on the frame opposite the center of edge of the door.

Consult our 2004 Catalog for complete Listing and Fire-rating information.



Specify  
NGP next  
generation  
seals on  
your next  
project!



Roger Skold,AHC is technical director at NGP. He's had 22 years as a distributor, served in all offices of the Great Lakes Chapter of DHI for a total of 9 years, and currently instructs Advanced Architectural Hardware 4 for DHI, as well as serves as President of the Mid-South chapter.

Spec Rite is designed as a vehicle to provide information to Architects and Specification Writers to make them better informed and to make their job easier.

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