



# Smog-Reducing Technology

SMOG-REDUCING, GRANULE-SURFACED MEMBRANES

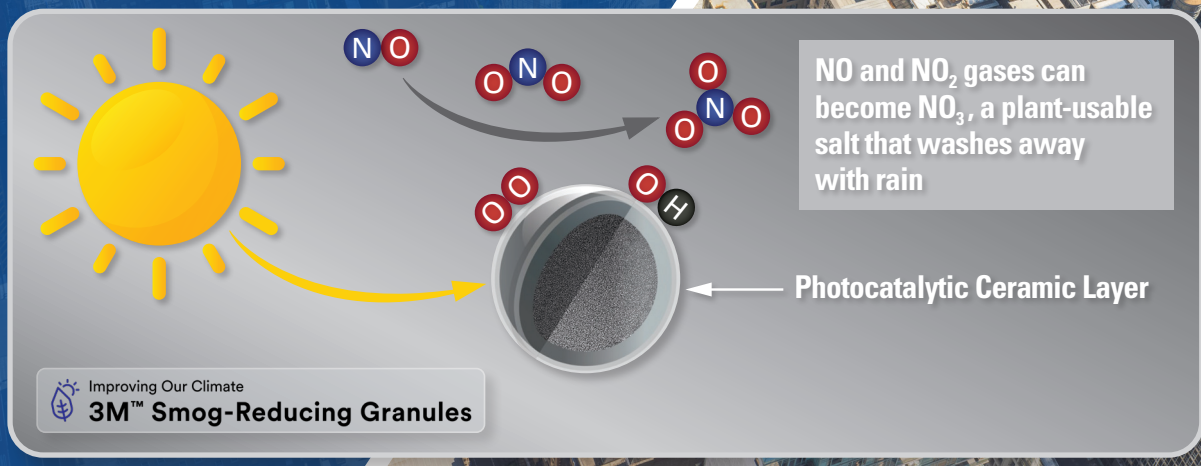
## Clean the Air, One Roof at a Time.

### What are smog reducing granules?

Inspired by the power of trees, roofs with 3M Smog-Reducing Granules can become a smog fighting surface by seamlessly integrating the technology into the roofing materials themselves.

### How does it work?

Solar rays activate the photocatalytic coated granules to transform smog into water-soluble ions. This plant usable form of nitrogen is deposited on the roof and washes away with the rainwater over time.



## JM Smog-Reducing Membrane Advantages

Every 100 squares of roofing brings smog reducing capacity comparable to:



68 Trees



4,445 Miles/Yr



## Why Choose JM Smog-Reducing Membranes?

The extensive line, proven performance, and history of JM Bituminous products allows customers to feel comfort in the quality of this new product feature. Not only can you protect what's inside the building, but the environment outside as well. Make your project a sustainable hero!

# PRODUCT FEATURES

3M™ Smog-Reducing Granules help remove nitrogen oxides in smog.\*

The catalytic reaction occurs when exposed to UV, so the smog-reduction activity is a continuous process.

Available as a surfacing option on the following membranes:

DynaWeld 180 FR

DynaLastic 180 FR

DynaGlas FR

DynaWeld Cap FR

JM Granule Color	Typical Reflectivity
White	27%
Grey	14%
Smog-Reducing	10%

\*3M™ worked with Lawrence Berkeley National Laboratory to study the efficacy of the product.

## » DEDICATED SERVICE AND SUPPORT MATTERS

At JM, we place great value in our longstanding experience, strong reputation and expertise to give you confidence that jobs get done right.

### SPECIFIER SERVICES GROUP

Our Specifier Services Group offers assistance and information to your design, engineering and architectural teams to ensure that you use the optimal JM roofing system that meets your project's needs.

### SALES & CUSTOMER SUPPORT TEAMS

Logistical experts who can provide accurate product information and facilitate on-time shipments by working closely with our sales representatives.

### TECHNICAL SUPPORT TEAM

Our expert field technical representatives will answer any roof-related question you have and are ready to give excellent support as needed.

## » GUARANTEES YOU CAN DEPEND ON

Johns Manville offers one of the most comprehensive guarantees in the roofing industry. That's the advantage on which you can depend.

LEARN MORE ABOUT JM SBS AND OUR COMPREHENSIVE PORTFOLIO AT [JM.COM/ROOFING](http://JM.COM/ROOFING)