

# 3M™ Interam™ Mat Mount 800

## Technical Data Sheet



### Product Description

3M™ Interam™ Mat Mount 800 is high performance, reduced binder intumescent mat mount with improved low temperature substrate retention performance. It is suitable for use on a wide range of applications. Interam Mat Mount 800 is a flexible intumescent mat supplied in a single piece configuration for application gaps ranging from 3.5 to 8 mm. The product is designed for improved resiliency and substrate retention at low temperature conditions. The appropriate amount of vermiculite provides adequate heat expansion characteristics for substrate retention at higher temperatures. Designed to be a cost-effective alternative to non-intumescent mats.

### Features:

- Good low temperature operating performance
- Good retention performance over wide operating temperature range (cold to 950°C)
- Good retention performance over a broad mount density range

### Applications - Total mount system for:

- Diesel - light duty through heavy-duty truck and off-road applications including diesel oxidation catalysts (DOCs), diesel particulate filters (DPFs), and selective catalytic reduction (SCRs)
- Low to high temperature systems
- Systems with isothermal or near isothermal temperature conditions
- Gasoline underbody applications

### Application Density (varies by application)

Target	0.59 - 0.67 g/cm <sup>3</sup>
Design Range	0.52 - 0.84 g/cm <sup>3</sup>

## Physical Properties

Weight/Areas Available (g/m <sup>2</sup> ) *	1950	2600	3200	3550	4025**	5325**
Weight /Area Range (g/m <sup>2</sup> )	1755 - 2145	2340 - 2860	2880 - 3520	3195 -3905	3560 - 4490	4730 - 5920
Nominal Thickness (mm)	7.5	9.9	12.4	13.7	15.1	19.9
Thickness Range (mm)	6.6 - 8.4	8.4 - 11.4	10.6 - 14.3	11.7 - 15.8	12.8 - 17.3	16.9 - 22.9
Application Gap Target (mm)	3.3	4.0	5.0	5.5	6.0	8.0
Composition Information	Organic (%)	3 - 8				
	Fiber (%)	55 - 70				
	Vermiculite (%)	24 - 39				

\* Other Weights Available upon Request

\*\* 2 Layers Fully Bonded

## Regulatory Information

Please refer to the product label and Safety Data Sheet (SDS) for health and safety information before using.

## Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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