

# A fireproofing wrap you can trust

## 3M™ Interam™ Endothermic Mat

An innovative solution that can help provide a safe and simple way to help protect structural steel, when projects need to be completed on time, on budget, and up to code.

### Fireproofing an expanding project

Large projects, like oil refineries, can need infrastructure to support growing operations. Maintaining the integrity of the structural steel in such facilities may require additional fire protection, in all weather conditions – including harsh Canadian winters. Here are three factors that could help contribute to such a project:



A 2.5 hour, UL1709 fire protection solution for structural steel



An on-time and on-budget solution that is reliable to meet an aggressive schedule



A solution with all weather application and the ability to perform for the life of the asset

3M™ Interam™ Endothermic Mat has a growing portfolio in the protection of steel structures.

## Why 3M™ Interam™ Endothermic Mat E5A-4 could be the chosen solution for your application:



### 1. Ease of installation

3M™ Interam™ Endothermic Mat is a fireproofing technology that uses adaptable characteristics from other trades, which can help increase the ease of installation. During a busy construction phase, the easy application means the product can be installed by a larger pool of skilled labour. This can allow for more versatility for the contractors' recruiting efforts, meaning projects won't be delayed by potential labour shortages.



### 2. Efficiency

3M™ Interam™ Endothermic Mat does not require spraying, troweling or the clean up of over-spray after installation. Project teams can meet critical dates by using the product and eliminating scheduled variables, having a dependable workforce, a predictable rate of placement, and without potentially relying on large application equipment.



### 3. Versatility

A typical requirement of other structural steel fireproofing systems is to have all other trades off the structure, while steel is prepared. The material is mixed, fireproofing is applied and then can be left to cure for more than seven days. With 3M™ Interam™ Endothermic Mat, the contractor can move entire crews from one area to another quickly. This can be remarkably faster than following traditional practices, making fireproofing a manageable scope of work.

## Helping to maintain the continuity of operations

Traditional methods to fireproof structural steel structures can involve spraying fireproofing materials. This can require the use of heaters and insulated tarps for more than seven months of the year. A small pool of skilled, high-in-demand workers may also be required along with a significant scaffolding plan.

There is now a different, proven, innovative fireproofing solution to stay on schedule.

3M™ Interam™ Endothermic Mat offers a reliable, dependable, low-mess solution. It has the ability to eliminate the need for heaters, and specialized training for the trades, helping contractors save time and money on projects.

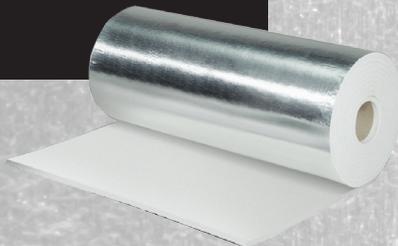
## A safe and simple way to help protect structural steel

3M's support team and 3M™ Interam™ Endothermic Mat can provide full-envelope fire protection for a broad range of critical components including structural steel. The flexibility of this solution meets installation requirements at industrial plants and refineries alike. Because of the relatively easy application of the wrap, it can allow for different trades to work on the project and allow for prioritized inspection to meet schedules. At times, the fireproofing work can be completed with other trades working in proximity.

## A fireproofing wrap you can trust

3M™ Interam™ Endothermic Mat can provide construction teams the reliability they need to complete projects on schedule in all seasons including the rough Canadian winter. It also requires no steel preparation, is removable or re-penetrable and can be used in conjunction with cementitious or epoxy materials when required.

Visit [3M.ca/Fire](http://3M.ca/Fire) to learn more.



**3M**

3M Industrial Adhesives  
and Tapes Division

3M Canada

P.O. Box 5757

London, Ontario N6A 4T1

1-800-364-3577

3M, 3M Science. Applied to Life. and Interam are trademarks of 3M.  
Used under license in Canada. © 2018, 3M. All rights reserved.  
1712-10605 E BA-18-25263