

JUST THE FACTS ABOUT INSULATION AND FIRE SAFETY



NFPA 285
IS AN ASSEMBLY TEST
Individual products
cannot be labeled as
“passing” NFPA 285¹



**THE NFPA 285
FIRE TEST**
is a multi-story wall
assembly with a
window opening¹

The fire exposure duration
for NFPA 285 is

**30
MINUTES**¹



**HEAT
INTENSITY**

increases by 89% over
the course of the test²



A SUCCESSFUL WALL ASSEMBLY
LIMITS FIRE SPREAD TO



10 FEET

VERTICALLY AND
HORIZONTALLY³

NFPA 285 FIRE IS ABOUT

75X HOTTER

THAN A STANDARD OUTDOOR GRILL⁴



ENERGYSHIELD INSULATION PROVIDES CODE COMPLIANT DESIGN OPTIONS

R-VALUES
UP TO

26 AT 4"

3 MILLION+

NFPA 285 APPROVED ASSEMBLIES

4 PRODUCTS WITH

**≤ 25 FLAME
SPREAD**

**HUNDREDS
OF MILLIONS**

BOARD FEET SUCCESSFULLY INSTALLED

¹ Source: Architect Magazine - <https://www.architectmagazine.com/design/buildings/how-many-of-these-nfpa-285-facts-do-you-know>

² Source: Based on NFPA 285-19 Table 4.6.13 combined room and window burner calibration gas flow rates

³ Source: NFPA 285-19 Section 10.2.1.2

⁴ Source: Intertek - https://bec-researchtriangle.org/images/meeting/092117/2017.09.21_nfpa_285_bec_research_triangle.pdf
Based on NFPA 285-19 Table 4.6.13 combined room and window burner gas flow rates of 74,016 BTU/minutes vs standard 1,000 BTU/minute gas grill rating