



PINK NEXT GEN® FIBERGLAS™ FLAME SPREAD 25

Owens Corning® PINK Next Gen® Fiberglas™ Flame Spread 25 insulation is a preformed, flexible blanket insulation. It is produced in R-values from 13 to 30, at thickness from 3½ to 10" inches. It is available in FSK (foil-scrim-Kraft), which acts as a vapor retarder and provides a neat, finished appearance.

Features

- Excellent thermal control
- Effective acoustical performance
- Provides long-term performance and will not settle or slump within wall cavities
- Less dust than other fiberglass insulation products
- Excellent recovery characteristics
- Compression packaging speeds job site handling and installation
- Facing does not require contact with thermal barrier, can be left exposed

Standards, Codes Compliance

- Manufactured in compliance with ASTM C665
- PINK Next Gen® Fiberglas™ Flame Spread 25 insulation is accepted for use in all ICC building construction types (I through V)
- Certified to meet California Code of Regulations, Title 24, Chapter 12-13, Article 3, "Standards for Insulating Material"

Applications

- Wall, floor, and roof/ceiling assemblies where the insulation will be left exposed, or where a low flame spread vapor retarder facing is required
- Concealed applications of assemblies for non-combustible construction
- Metal framed assembly cavities or attached to surfaces with impaling pins

Design Considerations

- The building thermal barrier (insulation) should be in continual alignment with the building air barrier.
- In framed cavities, product thickness should match the depth of the framing members.
- Follow the local, applicable building code(s) to determine the need for and placement of a vapor retarder.
- To prevent fire or overheating of recessed light fixtures or similar electrical devices, do not insulate on top of or within 3 inches of such devices unless they are specifically approved to be covered by insulation (labeled with "IC" rating). Do not place insulation in air spaces surrounding metal flues, chimneys, or fireplaces. Provide minimum clearances specified in NFPA-31, NFPA-54, or NFPA-211, or as required by local building codes. For high efficiency appliances that use PVC pipe for exhaust and intake, follow that manufacturers recommendations for insulating.

Physical Properties

PROPERTY (UNIT)	TEST	VALUE
Thermal Resistance	ASTM C518	See "Availability" table for R-values
Surface Burning Characteristics (flame spread/smoke developed)	ASTM E84 ¹	
	FSK	< 25/< 50
Water Vapor Permeance (perms)		
	FSK	ASTM E96 ²
Water Vapor Sorption (by weight)	ASTM C1104/ C1104M	< 5%
Odor Emission	ASTM C1304	pass
Corrosion Resistance	ASTM C1617	pass – steel
Fungi Resistance (fiberglass only)	ASTM C1338	pass

- 1 ASTM E84 is used solely to measure and describe properties of products in response to heat and flame under controlled laboratory conditions, and should not be used to describe or approve the fire hazard of materials under actual fire conditions. However, the results of these tests may be used as elements of a fire risk assessment that takes into account all of the factors of the fire hazard of a particular end use. Values are reported to the nearest five rating.
- 2 Dessicant method.

Availability

APPLICATION	WIDTH	LENGTH	THICKNESS	R-VALUE ³
Metal Frame Walls				
FSK	16"	96"	3.5"	13
FSK	24"	96"	3.5"	13
FSK	16"	96"	6.5"	19 ⁴
FSK	24"	96"	6.5"	19 ⁴
FSK	16"	96"	6"	21
Floor/Ceiling				
FSK	16"	48"	10"	30
FSK	24"	48"	10"	30

- 3 Tested per ASTM C518.
- 4 Delivers R17 when installed in a 5.5" deep cavity. Delivers R18 when installed in a 6" deep cavity.

Installation

See Owens Corning publication "PINK NEXT GEN® FIBERGLAS® Insulation Installation Instructions and Guidelines" (Pub. No. 10024604) for more information. PINK Next Gen® Fiberglas™ Flame Spread 25 insulation facing options are more abuse-resistant than most other building insulation facings. However, when it is installed in areas where the material may be subject to abuse, suitable protection should be provided.

Certifications and Sustainable Features

- GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage; for more information, visit ul.com/gg
- Environmental Product Declaration (EPD) has been verified by SCS Global
- Health Product Declaration® (HPD)



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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobalservices.com.

Notes

Fiberglass products may cause temporary skin and mucous membrane itching due to the mechanical abrasion effects of fibers, a condition which is completely reversible.

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

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