Owens Corning W61A

Owens Corning R-19 Fiberglass Roll Instruction Manual

Brand: Owens Corning | **Model:** W61A

1. Introduction

The Owens Corning R-19 Fiberglass Roll is designed to provide superior thermal and acoustical insulation for various residential and commercial applications. This manual provides essential information for the proper installation, understanding, and maintenance of your insulation product.

Key Features:

- Individual Unfaced Roll - 23 Inches Wide x 39.2 Feet Long x 6.25 inches Deep
- Ideal for use in 2x6 walls, floors, crawlspaces and attics; providing excellent thermal control & effective acoustical control
- With less dust than other fiberglass products, EcoTouch PINK Fiberglass insulation has excellent stiffness and recovery characteristics
- Compression packaging from Owens Corning speeds job site handling and installation
- GREENGUARD GOLD Certified and validated to be Formaldehyde free

2. Setup and Installation

Proper installation is crucial for maximizing the performance of your Owens Corning R-19 Fiberglass Roll. Always ensure you wear appropriate personal protective equipment (PPE), including gloves, eye protection, and a dust mask, when handling fiberglass insulation.

2.1. Measuring Wall Cavities

Before installation, accurately measure the size of your wall cavities. Common sizes are 14.5 inches and 22.5 inches wide, and 92.5 inches high. The insulation is designed to be slightly wider and longer than the cavity to ensure a snug, friction fit.

Figure 2.1: A man installing Owens Corning fiberglass insulation in a ceiling cavity.

2.2. Product Selection (R-Value)

The R-value indicates the insulation's thermal resistance. A higher R-value signifies greater insulating power. For 2x6 walls, R-19 or R-21 insulation is typically recommended. This R-19 roll is suitable for 2x6 walls, floors, and crawlspaces.

Figure 2.2: Owens Corning R-19 Unfaced Fiberglass Insulation Roll packaging, indicating its specifications and intended use.

2.3. Cutting and Fitting

While bats are pre-cut for standard sizes, rolls can be cut to fit specific project dimensions. Use a sharp utility knife and a straight edge for clean cuts. When installing around obstructions like electrical boxes, cut the insulation to fit precisely around them, ensuring no gaps are left.

Figure 2.3: A man carefully fitting Owens Corning fiberglass insulation into a wall cavity.

2.4. Installation Process

Press the unfaced insulation into the cavity. Ensure a snug fit along all edges to maximize energy savings and comfort. Unlike faced insulation, unfaced insulation does not require stapling. Avoid compressing the insulation, as this can reduce its insulating power.

Figure 2.4: Owens Corning fiberglass insulation properly installed in a ceiling, filling the cavities.

Figure 2.5: Owens Corning fiberglass insulation properly installed in wall cavities, including around a window opening.

2.5. Official Installation Video

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Video 2.1: An official Owens Corning video demonstrating the insulation installation process for walls. This video covers measuring cavities, selecting the correct R-value, and proper fitting techniques.

3. Operating Principles

Owens Corning R-19 Fiberglass Insulation functions by trapping air within its fibers, creating a barrier that resists heat flow. This resistance is quantified by the R-value. The higher the R-value, the more effective the insulation is at preventing heat transfer, leading to improved energy efficiency and indoor comfort.
This unfaced insulation is particularly effective for interior walls, floors, and crawlspaces where moisture management is not the primary concern. For exterior walls, faced insulation (which includes a vapor retarder) is often used to help control water vapor transmission, depending on local building codes.

4. Maintenance

Owens Corning R-19 Fiberglass Insulation is a low-maintenance product. Once properly installed, it generally does not require ongoing maintenance. However, it is advisable to periodically inspect insulated areas for any signs of damage, moisture intrusion, or compression that could compromise its performance. Address any issues promptly to maintain optimal insulation effectiveness.

5. Troubleshooting

5.1. Reduced Insulating Power

Symptom: Noticeable drafts, inconsistent indoor temperatures, or higher energy bills despite insulation installation.
Possible Cause: Insulation has been compressed during or after installation. Compression reduces the air pockets within the fiberglass, thereby lowering its R-value and insulating effectiveness.
Solution: Inspect the affected areas. If insulation is compressed, gently fluff it up to restore its original thickness. If severe compression or damage is present, consider replacing the affected section of insulation.

5.2. Gaps or Voids

Symptom: Cold spots on walls or ceilings, or air leakage around outlets or fixtures.
Possible Cause: Insulation was not cut or fitted properly around obstructions, or it has shifted over time, creating gaps.
Solution: Carefully seal any gaps or voids with additional insulation pieces, ensuring a tight fit. For small gaps, expanding foam sealant designed for insulation can be used, but ensure it does not compress the fiberglass.

6. Specifications

Attribute	Value
Global Trade Identification Number	00047563713770

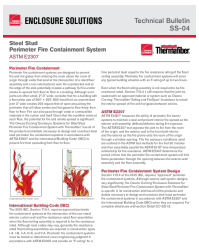
Attribute	Value
Manufacturer	Owens Corning
UPC	047563713770
Part Number	W61A
Item Weight	19 pounds
Product Dimensions	23 x 15 x 20 inches
Item model number	W61A
Is Discontinued By Manufacturer	No
Color	Pink
Item Package Quantity	1
Included Components	Insulation
Batteries Included?	No
Batteries Required?	No
ASIN	B077QC4YPH
Date First Available	November 24, 2017
Material	Fiberglass
Brand	Owens Corning
Coverage	75 sq ft
Recommended Uses For Product	2x6 walls, floors, crawlspaces, and attics
Product Dimensions (L x W)	470.4"L x 23"W

7. Warranty and Support

Specific warranty information for the Owens Corning R-19 Fiberglass Roll is not provided in the available product data. For detailed warranty terms, product support, or technical assistance, please refer to the official Owens Corning website or contact their customer service directly. Always retain your proof of purchase for any warranty claims.

Contact Information: Please visit the official Owens Corning website for the most up-to-date contact details and support resources.

Related Documents

	Owens Corning Milestones: A History of Innovation in Fiberglass and Insulation Explore the rich history of Owens Corning, from its early beginnings in glass manufacturing to its pioneering innovations in fiberglass insulation, materials science, and building products. Discover key milestones, product developments, and company growth over decades.
	Owens Corning PINK Next Gen™ Fiberglas™ Insulation Product Data Sheet Discover Owens Corning PINK Next Gen™ Fiberglas™ Insulation, a high-performance building material offering superior thermal control, sound dampening, and ease of installation for residential and commercial applications. Learn about its features, specifications, and sustainability certifications.
	Owens Corning Supreme Shingles Installation Instructions A comprehensive guide detailing the installation of Owens Corning Supreme Shingles, covering essential preparation, fastening techniques, underlayment application, valley construction, step flashing, and hip and ridge finishing for optimal roofing performance.
	Owens Corning Thermafiber Steel Stud Perimeter Fire Containment System ASTM E2307 Technical Guide Technical bulletin detailing the Owens Corning Thermafiber Steel Stud Perimeter Fire Containment System. This system prevents fire and hot gas spread between floors, meeting ASTM E2307 and IBC standards. It outlines system components, design notes, and application requirements.

Documents - Owens Corning – W61A

no relevant documents