PROCAT®
PROFESSIONAL
LOOSEFILL INSULATION SYSTEM

PROCAT®
HIGH PERFORMANCE LOOSEFILL INSULATION FOR THE PRO



ProCat® Insulation is a loosefill fiberglas™ thermal insulation. It is designed for use exclusively with the ProCat® machine.

Features

- The ProCat® machine has a “dense mode” setting to enable installation of ProCat® insulation at higher R-value in the eaves, where height may be limited

Applications

- ProCat® Insulation is intended for use in both “open” applications, such as the floor of vented attics, and in “closed cavity” applications, such as walls and floors between stories of a house
- ProCat® Insulation can be used in both existing and new construction

Standards, Code Compliance

- ProCat® Insulation conforms to the product requirements of ASTM C764 Type I (pneumatic application)
- R-values are determined in accordance with ASTM C687.
- Passes the requirements of ASTM E136 and is considered non-combustible insulation by the model building codes.
- The surface burning characteristics of this product have been determined in accordance with:

	ULC S 102.2	ASTM E84[1]
Flame Spread	0	0
Smoke Developed	5	5

- ProCat® Insulation is non-corrosive (per ASTM C764, section 12.8)[2]
- Does not absorb moisture (per ASTM C1104)
- Does not support mold growth (per ASTM C1338)
- Conforms to the quality standards of the State of California
- Meets requirements of Minnesota Insulation Standards Program

1 This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies 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 pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest five (5) rating.

2 Based on ASTM C764, section 12.8 uses the C1617 analytical repeatable test.

Design Considerations

To help 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 and labeled “IC rated” (insulation contact).

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.

Installation

Stated R-value is achieved by installing the minimum required number of bags per 1,000 net sq. ft. at a thickness not less than the label minimum thickness. Failure by the installer to provide both the required number of bags and at least the minimum thickness will result in lower insulation R-value.

In order to achieve the R Values stated on this data sheet, strictly follow Owens Corning’s written instructions and recommendations for the operation, maintenance and service of the ProCat® machine.

Owens Corning does not recommend or approve blending or adding additional materials or adhesives to this product during installation. Owens Corning will accept no responsibility or liability when the product is not installed in accordance with the product label and installation instructions.

Owens Corning recommends and provides instructions for installing ProCat® Insulation from the outside of exterior sidewalls. You may also install it from the inside, however, it is important to note that drill and fill installation from the inside requires a strong working knowledge of construction and framing principles, texture matching and other variables. Please consult a professional contractor to perform this job if you do not have this expertise.

PROCAT®
Net Weight 33.5 lbs.

R-VALUE	BAGS PER 1000 SQ. FT.	MAXIMUM NET COVERAGE, SQ. FT.	MINIMUM WEIGHT/ SQ. FT.	MINIMUM INITIAL INSTALLED THICKNESS INCHES	MINIMUM SETTLED THICKNESS, INCHES
13	5.1	198.0	0.169	4.75	4.75
19	7.8	128.7	0.260	7.00	7.00
22	9.0	110.6	0.303	8.00	8.00
26	10.7	93.5	0.358	9.25	9.25
30	12.4	80.6	0.416	10.50	10.50
38	16.4	60.9	0.550	13.25	13.25
44	19.1	52.3	0.641	15.00	15.00
49	21.5	46.4	0.722	16.50	16.50
60	27.1	36.9	0.908	19.75	19.75

PROCAT® WALLS
Net Weight 33.5 lbs.

R-VALUE	FRAMING	MINIMUM INITIAL INSTALLED THICKNESS (IN.)	INSTALLED DENSITY (LBS. PER CU. FT.)	MAXIMUM COVERAGE PER BAG (SQ. FT.)	MINIMUM BAGS PER 1,000 SQ. FT.	MINIMUM WEIGHT (LBS. PER SQ. FT.)
14	2x4	3.5	1.30	88.4	11.3	0.379
15	2x4	3.5	1.95	53.9	17.0	0.569
22	2x6	5.5	1.30	56.2	17.8	0.596
23	2x6	5.5	1.50	48.7	20.5	0.688
24	2x6	5.5	2.25	32.5	30.8	1.031

PROCAT® DENSE
Net Weight 33.5 lbs.

	ADDITIONAL BAGS REQUIRED PER 100 FT OF ROOF LINE		
R-VALUE	4:12 ROOF PITCH	5:12 ROOF PITCH	6:12 ROOF PITCH
30	1.2	1	0.8
49	3.6	3	2.4
60	5.5	4.5	3.6

TECHNICAL DATA

PROPERTY (UNIT)	VALUE	TEST
Thermal resistance	(See coverage charts)	ASTM C518 & ASTM C687
Surface Burning Characteristics		
flame spread / smoke developed	0 / 5	ASTM E84[3]
	0 / 5	Can/ULC S102.2
Critical Radiant Flux (W/cm^2)	>0.12	ASTM E970
Combustion characteristics	Noncombustible	ASTM E136
Water Vapor Sorption (by weight)	<5%	ASTM C1104/C1104M
Odor Emission	Pass	ASTM C1304
Corrosion Resistance	Pass	ASTM C764, Section 12.8[4]
Fungi resistance	Pass	ASTM C1338

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4 Based on ASTM C764, section 12.8 uses the C1617 analytical repeatable test.

Certifications and Sustainable Features

- UL Environment GreenGuard Gold Certified. GREENGUARD Gold Certified products are certified to GREENGUARD Gold standards for low chemical emissions into indoor air during product usage, and are qualified for use in environments such as schools and healthcare facilities. For more information, visit ul.com/gg
- UL Environment validated Formaldehyde-Free. For more information, visit ul.com/ecv
- Environmental Product Declaration (EPD) has been certified by SCS Global Services
- ENERGY STAR and the ENERGY STAR mark are registered trademarks of the U.S. Environmental Protection Agency
- This product is participating in Declare. For more information, visit living-future.org/declare.

VERIFIED by SCS GLOBAL SERVICES ENVIRONMENTAL PRODUCT DECLARATION BASED ON LCA

GREENGUARD GOLD

VALIDATED

RECYCLED CONTENT COUNTS

Declare.

ENERGY STAR PARTNER

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