Township Archives
Township of Brick, NJ
401 Chambers Bridge Rd, Brick, NJ 08723

This File Contains Personal Identifiable Information of Private Citizen(s).

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- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020

BLOCK 1221 LOT 895 QUALIFICATION CODE _____ ADDRESS (SITE) _____ PERMIT NO. 14-0681

CONSTRUCTION PERMIT APPLICATION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII C-14-000503

I. IDENTIFICATION

1. Proposed Work Site at: 519 5th Ave, Brick, NJ 08724
2. Name of Owner in Fee: Patrick Leary
   Tel [redacted] e-mail _____
   Address 519 5th Ave (street) Brick, NJ (municipality) 08724 (zip code)
3. Ownership in Fee: Public _____ Private X
4. Principal Contractor: Mark Group of New Jersey, Inc. Tel. (267) 670-7855
   Address 415 Commerce Lane, Suite 1 e-mail operationsnjs@markgrou
   West Berlin, NJ 08091
   License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
   Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH061741
   Federal Emp. ID No. 273071186 FAX: _____
5. Architect or Engineer _____ Contact _____
   Address _____ e-mail _____
   Tel. _____ FAX: _____
6. Responsible Person in Charge once Work has Begun Rob Cain
   Tel. (856) 767-1982 FAX: _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	$ 115		
2. Electrical			
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	$		
8. Subtotal	$		
9. State Permit Surcharge Fee	7		
10. Subtotal	$		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	$ 122		

VI. BUILDING/SITE CHARACTERISTICS (office use only)

1. Number of Stories _____
2. Height of Structure _____ ft.
3. Area — Largest Floor _____ sq. ft.
4. New Building Area _____ sq. ft.
5. Volume of New Structure _____ cu. ft.
6. Max. Live Load _____
7. Max. Occupancy Load _____
8. If Industrialized Building: State Approved ____ HUD ____
9. Total Land Area Disturbed _____ sq. ft.
10. Flood Hazard Zone _____
11. Base Flood Elevation _____ ft.
12. Wetlands yes ____ no ____

IIa. PROPOSED WORK

- ☒ Minor Work
- ☐ New Building
- ☐ Addition
- ☐ Demolition
- ☐ Repair
- ☐ Alteration
- ☐ Renovation
- ☐ Reconstruction
- ☐ Asbestos Abat. -Subch. 8
- ☐ Lead Hazard Abatement
- ☐ Radon Remediation
- ☐ Annual Permit

IIb. SUBCODES (Check all that apply)

FOR OFFICE USE ONLY (Optional)

	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Resubmission Dates Rejection	Re-viewer
☒ Building	3,828				03/03/14	KGK			
☐ Electrical									
☐ Plumbing									
☐ Fire Protection									
☐ Elevator									
TOTAL COST	$3,828								

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL *(primary use)*
1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present:
4. No. of dwelling units: *Total Units* *Income-restricted*
   Gained, Sale _____ _____
   Gained, Rental _____ _____
   Lost, Sale _____ _____
   Lost, Rental _____ _____

B. NON-RESIDENTIAL *(primary use)*
1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present:

C. MIXED USE -List secondary use(s): _____

D. Construct. Classification: Present _____ Proposed _____

III. PLAN REVIEW (optional)

DO YOU WANT:
1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

A. ( ) I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

B. ( ) I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

C. ( ) I further certify that I will perform or supervise the following work:
C.1. ( ) Building C.2. ( ) Fire Protection

I further certify that I will perform the following work:
C.3. ( ) Electrical C.4. ( ) Plumbing

D. ( ) I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature_____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

(X) Check if contractor.

Agent Name Mark Group of New Jersey, Inc.

Address 415 Commerce Lane, Suite 1

West Berlin, NJ 08091

Telephone (856) 767-1982

Signature 2/11/14

III. ( ) LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.

BUILDING SUBCODE
TECHNICAL SECTION

Date Received 3/19/14
Control #

Date Issued
Permit # 14-0681

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1221 Lot 895 Qualification Code

Work Site Location 519 5th Ave
Brick, NJ 08724

Owner Patrick Leary

Tel [redacted] e-mail

Address 519 5th Ave (street) Brick, NJ (municipality) 08724 (zip code)

Contractor: Mark Group of New Jersey, Inc Tel. (267) 670-7855

Address 415 Commerce Lane, Suite 1 e-mail operationsnjs@markgroup.c
West Berlin, NJ 08091

Contractor License No. or Builder Registration No. Exp. Date

Home Improvement Contractor Registration No. or Exemption Reason 13VH06174100

Federal Emp. ID No. 273071186 FAX: (888) 614-9579

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial
[✓] No Plans Required	03/03/14	KEM
[ ] All		
[ ] Footings/Foundations		
[ ] Structural/Framework		
[ ] Exterior		
[ ] Interior		

Joint Plan Review Required:
[ ] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL for PERMIT
Date: 03/03/14
Approved by: KEM

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Footing				
Footing Bonding				
Foundation				
Slab				
Frame				
Truss Sys./Bracing				
Barrier-Free				
Insulation				
Finishes -Base Layer				
Finishes -Final				
Energy				
Mechanical				
TCO				
Other				
Final				
Barrier-Free				

B. BUILDING CHARACTERISTICS

Use Group Present R-5 Proposed

No. of Stories

Height of Structure ft.

Area — Largest Floor sq. ft.

New Bldg. Area/All Floors sq. ft.

Volume of New Structure cu. ft.

Max. Live Load

Max. Occupancy Load

Constr. Class Present Proposed

If Industrialized Building:
State Approved HUD

Est. Cost of Bldg. Work:

1. New Bldg. $
2. Rehabilitation $
3. Total (1+ 2) $ 3828 0

U.C.C. F110 (rev. 11/09)
Internet version

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Sign here: 2/11/14

Print name here: David W. Mack

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Air sealing and insulation of the home's shell and attic in compliance with the standards of the New Jersey Home Performance with Energy Star Program.

COMPLIANCE CERT. @ FINAL INSP'N

TYPE OF WORK:
- [ ] New Building
- [ ] Addition
- [ ] Rehabilitation
- [ ] Roofing
- [ ] Siding
- [ ] Fence _____ Height (exceeds 6')
- [ ] Sign _____ Sq. Ft.
- [ ] Pool
- [ ] Retaining Wall _____ Sq. Ft.
- [ ] Asbestos Abatement Subchapter 8
- [ ] Lead Haz. Abatement NJAC 5:17
- [ ] Radon Remediation
- [X] Other minor work
- [ ] Demolition

FEE (Office Use Only)

$

Administrative Surcharge $
Minimum Fee $
State Permit Surcharge Fee $
TOTAL FEE $

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

CONSTRUCTION PERMIT

Date Issued 3/4/14
Control # C-14-000503
Permit # 14-081

IDENTIFICATION Block: 1221 Lot: 895 Qualifier
Work Site Location: 519 5TH AVE. Brick Township, NJ

Owner in Fee: LEARY, PATRICK H
519 5TH AVE. BRICK NJ 08724

Telephone: [redacted]

Contractor: MARK GROUP OF NEW JERSEY, INC
Address: 415 COMMERCE LANE SUITE 1 WEST BERLIN NJ 08091
Telephone: (267) 670-7855
Lic. No. or Bldrs. Reg. No. 13VH06174100
Federal Employee. No.

Is hereby granted permission to perform the following work:

- [x] BUILDING
- [ ] PLUMBING
- [ ] LEAD HAZARD ABATEMENT
- [ ] ELECTRICAL
- [ ] FIRE PROTECTION
- [ ] DEMOLITION
- [ ] ELEVATOR DEVICES
- [ ] ASBESTOS ABATEMENT (Subchapter 8 only)
- [ ] OTHER

DESCRIPTION OF WORK:
INSULATION ...PER ENERGY STAR PROGRAM

Note: If constuction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work $3,828

Daniel J. Newman Jr. 3/3/14
Construction Official — Date

PAYMENTS (Office Use Only)

Building	$115
Electrical	$0
Plumbing	$0
Fire Protection	$0
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$7
CO Fee	
Other	$0
Total	$122
Check No.	321
Cash	$0
Credit	$0
Collected By	

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

- [x] Required inspections for all subcodes for one- and two-family dwellings are as follows:
  1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
  2. Foundations and all walls up to grade level prior to back filling.
  3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
  4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

  Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems; heat producing devices and Barrier Free subcode accessibility, if applicable.

- [ ] Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

- [x] A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

- [ ] A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

NOT AN ELECTRICIAN'S OR PLUMBER'S LICENSE

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Division of Consumer Affairs

HAS REGISTERED

Mark Group, Inc. d/b/a Mark Group of New Jersey Inc.
Kathleen Cottingham, Mark John Cottingham, Lee John Cottingham
4050 South 26th Street
Suite 200
Philadelphia PA 19112

FOR PRACTICE IN NEW JERSEY AS A(N): Home Improvement Contractor

11/06/2013 TO 12/31/2014
VALID

13VH06174100
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Division of Consumer Affairs
HAS REGISTERED
Mark Group, Inc. d/b/a Mark Group of New Jersey Inc.
Home Improvement Contractor
NOT AN ELECTRICIAN'S OR PLUMBER'S LICENSE
11/06/2013 TO 12/31/2014
VALID
13VH06174100
License/Registration/Certificate #
SIGNATURE
DIRECTOR

PLEASE DETACH HERE

IF YOUR LICENSE/REGISTRATION/ CERTIFICATE ID CARD IS LOST PLEASE NOTIFY:
Division of Consumer Affairs
P.O. Box 46016
Newark, NJ 07101

PLEASE DETACH HERE

Mark Group, Inc. d/b/a Mark Group of New Jersey Inc. EXPIRATION DATE **2014**
YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS **13VH 06174100** . PLEASE USE IT IN ALL CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED BELOW.

Division of Consumer Affairs
P.O. Box 46016
Newark, NJ 07101

PRINT YOUR NEW **ADDRESS OF RECORD** BELOW.
YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE AVAILABLE TO THE PUBLIC.

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

PRINT YOUR NEW **MAILING ADDRESS** BELOW.
YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL CORRESPONDENCE.

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be within reasonable proximity of your original license/registration/certificate at your principal office or place of business.

THERMAX™ SHEATHING

1. PRODUCT NAME

THERMAX™ Sheathing

2. MANUFACTURER

The Dow Chemical Company
Dow Building Solutions
200 Larkin
Midland, MI 48674
1-866-583-BLUE (2583)
Fax 1-989-832-1465

www.dowbuildingsolutions.com

3. PRODUCT DESCRIPTION

THERMAX™ Sheathing is a non-structural, rigid board insulation consisting of a glass-fiber-infused polyisocyanurate foam core laminated between 1.0 mil smooth, reflective aluminum facers on both sides. The glass-fiber reinforcement contributes to improved fire performance and dimensional stability. THERMAX™ Sheathing can be installed exposed to the interior without a thermal barrier.

THERMAX™ Sheathing offers high, long-term R-value. Used in conjunction with the appropriate joint closure system for the application, THERMAX™ Sheathing with its low perm rating helps to reduce moisture condensation within and behind the insulation.

BASIC USE

THERMAX™ Sheathing is specially designed to have a Class A fire rating and can be used in a range of concealed and exposed applications, above and below grade, and can be used in exterior walls. Because of its improved fire performance, THERMAX™ Sheathing is especially appropriate for hourly rated assemblies. THERMAX™ Sheathing is approved for use, per Section 2603.5 of the International Building Code, in Exterior Walls of Types I,II,III and IV construction. THERMAX™ Sheathing is designed for use as continuous insulation in both interior and exterior applications to assist in meeting and exceeding both the most current IECC and the ASHRAE 90.1 energy standards. Maximum length is 30 ft. (9.1 m) and maximum thickness is 4.25" (108 mm).

4. TECHNICAL DATA

APPLICABLE STANDARDS

THERMAX™ Sheathing meets ASTM C1289 – Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board, Type I, Class 2. Applicable standards include:

- C203 – Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation
- C209 – Standard Test Methods for Cellulosic Fiber Insulating Board
- C518 – Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
- D1621 – Standard Test Method for Compressive Properties of Rigid Cellular Plastics
- D2126 – Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging
- E96 – Standard Test Method for Water Vapor Transmission of Materials
- D1623 – Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics

TYPICAL PHYSICAL PROPERTIES

THERMAX™ Sheathing exhibits the typical physical properties and characteristics indicated in Table 2 when tested as represented.

ENVIRONMENTAL DATA

THERMAX™ Sheathing is manufactured with a zero ozone depleting potential. The use of THERMAX™ Sheathing helps reduce the carbon footprint of commercial buildings.

FIRE INFORMATION

THERMAX™ Sheathing products should be used only in strict accordance with product application instructions. THERMAX™ products are combustible and when used in a building containing combustible materials, may contribute to the spread of fire. For more information, consult MSDS and/or call Dow at 1-866-583-BLUE (2583). In an emergency, call 1-989-636-4400.

CODE COMPLIANCES

THERMAX™ Sheathing complies with the following codes:

- ASTM E2178 Standard Test Method for Air Permeance of Building Materials - leakage rates less than 0.001 L/s/m² at a test pressure of 75 Pa.
- ASTM E283 Standard Test Method for Determining Rate of Air Leakage through Exterior Windows, Curtain Walls, and Doors under specified Pressure differences across the specimen. Results were <0.02 L/s/m²
- ASTM E2357 Standard Test Method for Determining Air Leakage of Air Barrier Assemblies - no leakage
- ASTM E331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference - no leakage
- 2009 International Residential Code (IRC) Section 316
- 2009 International Building Code (IBC) Section 2603
- ICC-ES ESR-1659
- FM 4880 – Wall-Ceiling Construction Metal-Faced – Class 1 Fire Rated to Max. 30' Exposure High, 4.25" Thick, 4' Wide, When Installed as Described in the Current Edition of FMRC Approval Guide
- FM 4450 Approval Standard for Class 1 Insulated - Steel Deck Roofs
- THERMAX™ products are covered under Underwriters Laboratories Inc. (UL) File R5622
- UL 1256 – Fire Test of Roof Deck Constructions, Roof Deck Construction No. 120 and No. 123
- UL 723 (ASTM E84) Surface Burning Characteristics of Building Materials
- The following designs are 1, 2, 3 or 4 hour wall rated assemblies as listed in the UL Fire Resistance Directory: U026, U326, U330, U354, U355, U424, U425, U460, U902, U904, U905, U906, U907, V454, V482, V499

- Fire Performance Evaluation of an Exterior Masonry Wall System Incorporating THERMAX™ Insulation Tested in Accordance With NFPA 285, 2006 Edition (UBC 26.9, Intermediate scale – multistory testing)
- FMVSS No. 302 – Flammability of Interior Materials – Passenger Cars, Multipurpose Passenger Vehicles, Trucks and Buses (Docket No. 3-3; Notice 4)
- Miami-Dade NOA 08-0320.01 Interior Insulation on CMU Block

Contact your Dow sales representative or local authorities for state and local building code requirements and related acceptances.

5. INSTALLATION

Boards of THERMAX™ Sheathing are lightweight and can be sawed or cut with a knife. They install quickly to walls (girts, steel stud, tilt-up, block, wood) and ceilings – inside and outside of purlins, trusses or bar joints. Butt joints must be installed over structural members. "Best practice" recommendations for high-humidity environments include continuously sealing the surface of the insulation at all joints with a Dow joint closure system.
Contact a local Dow representative or access the literature library at www.dowbuildingsolutions.com for more specific instructions.

TABLE 1: SIZES, R-VALUES AND EDGE TREATMENTS FOR THERMAX™ SHEATHING

NOMINAL BOARD THICKNESS[1], IN.	R-VALUE[2][3]	BOARD SIZE, FT	EDGE TREATMENT
.50	3.3	4 x 8, 4 x 9, 4 x 10	Square Edge
.75	5.0	4 x 8, 4 x 9, 4 x 10	Square Edge
1.0	6.5	4 x 8, 4 x 9, 4 x 10	Square Edge
1.5	9.8	4 x 8, 4 x 9, 4 x 10	Square Edge, Shiplap
2.0	13.0	4 x 8, 4 x 9, 4 x 10	Square Edge, Shiplap

(1) Contact your Dow seller for information at different R-values and other sizes and lead time requirements. Not all product sizes are available in all regions.
(2) R means resistance to heat flow. The higher the R-value, the greater the insulating power. Stabilized R-values @ 75°F mean temperature determined in accordance with ASTM C518. R-values expressed in ft²•h•°F/Btu.
(3) An additional 2.77 R-value may be added to the system R-value, when a minimum 3/4" ideal air space and horizontal heat flow are present in accordance with the ASHRAE Fundamentals Handbook on FTC, 16 CFR Part 460.

TABLE 2: TYPICAL PHYSICAL PROPERTIES OF THERMAX™ SHEATHING

PROPERTY AND TEST METHOD	VALUE
Compressive Strength[1], ASTM D1621, psi, min.	25
Flexural Strength, ASTM C203, psi, min.	40
Water Absorption, ASTM C209, % by volume, max.	0.1
Water Vapor Permeance, ASTM E96, perm, max.	<0.03
Maximum Use Temperature, °F	250

(1) Vertical compressive strength is measured at 10 percent deformation or at yield, whichever occurs first.

6. AVAILABILITY

THERMAX™ Sheathing is manufactured in several locations and is distributed through an extensive network. For more information, call 1-800-232-2436.

7. WARRANTY

Fifteen-year limited warranty is available. Contact your Dow representative for details.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

Dow can provide technical information to help address questions when using THERMAX™ Sheathing. Technical personnel are available to assist with any insulation project. For technical assistance, call 1-866-583-BLUE (2583).

10. FILING SYSTEMS

- www.dowbuildingsolutions.com
- www.DowMetalBuilding.com

www.dowbuildingsolutions.com
www.thermaxbydow.com

Technical Information
1-866-583-BLUE (2583)
Sales Information
1-800-232-2436

IN THE U.S.
THE DOW CHEMICAL COMPANY
200 Larkin
Midland, MI 48674

Printed in U.S.A.

Form No. 179-04015X-0512MCK
MCKAY214034

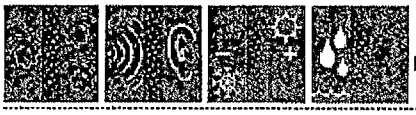
Hilti Corporation

Insulating foam CF-AS CJP: Item No.: 02005479

Technical Data

Content per can/cartridge	680 ml
Color	Orange
Expansion	40 %
Density	18 kg/l
Air Leakage acc. to ASTM E 283	<0.01 cfm/ft²
Cut Time (at 23°C / 50% r.H.)	25 min
Shelf life (@73°F/23°C and 50% relative humidity)	12 month(s)
Min. curing time ready to cut	25 min
Tack free time (at 23°C / 50% r.H.)	12 min
Foam Yield	1.6 ft3 (46l)
Dimension stabiltiy	4 %
Tensile strength	6 N/cm²
Shear strength	4 N/cm²
Application temperature range	0°C - 35°C
Spread of flame	0
HFC Free	Yes
Fire blocking foam	Yes
Number of components	1
Pressure Build acc. to AAMA 812-04	<2.5 psi
Application temperature - max	35 °C
Valve type	Solid
Base material temperature - min	5 °C
Temperature resistance temperature	-40°C - 90°C

range	
Storage and transportation temperature - range	5 °C - 25 °C
Packaging	Can




Related Products

CFR1 500ML cleaner
CF-DS1 Dispenser gun

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MARK GROUP
4050 S 26TH STREET
SUITE 200
PHILADELPHIA PA 19112-1613

US POSTAGE AND FEES PAID
FIRST CLASS
Feb 08 2014
Mailed from ZIP 19112
2 oz First Class Mail
Letter Rate (No surcharge)

endicia.com

071S00777793

USPS CERTIFIED MAIL

9407 1102 0083 0145 7844 82

Brick Township
ATTN: Construction Official
401 Chambers Bridge Road
BRICK NJ 08723-2807

FOLD ALONG THIS LINE

Mark Group Energy Upgrades

Prepared For:	Prepared By:	Job Number
Patrick Leary	Tom Ryan	US6053683
519 5Th Ave BRICK NJ 08724 [redacted]	732-682-0508 tom.ryan@markgroup.com	

Living Space (General)

Shell Test & Seal OVERALL 16 hrs Seal wall tops/penetrations/gaps/cracks in unconditioned space with expandable foam to mitigate air leaks.	$1900.00
Furnish and Install 16.5 SEER Central air conditioner YORK 410-A 13.85 EER MODEL# LX YCJF24S41S1 BASEMENT 1 unit WARRANTY: 10 yrs compressor, 10 yrs parts, 1 yr labor	~~$4323.00~~
Furnish and Install Gas furnace 95.5% AFUE YORK 60,000 BTUs MODEL# TM9X060 BASEMENT 1 unit WARRANTY: 10 yrs parts, lifetime HX,1 yr labor	~~$4323.00~~
Furnish and Install 40 Gallon Gas hot water tank RHEEM MODEL#PROG40 EF 0.67 BASEMENT 1 unit WARRANTY: 6 yrs tank, 6 yrs parts, 1yr labor	~~$2050.00~~
2" of high density foam (R-14) RIMJOIST 116 sf Insulate and seal penetrations/gaps/cracks in this location with high density two-part spray foam.	$928.00
Re-vent dryer LAUNDRY 1 unit Properly vent the laundry dryer pipe to exterior to comply with building code.	$0.00
Vent bath fan ATTIC 1 unit Properly vent the bath fan to exterior to comply with building code.	$0.00
Install Mechanical Ventilation ALL 1 unit	$1000.00

Misc

Permit fees not included and cost will vary by municipality. Mark Group will cover the initial payment and forward cost to client 30 days after project completion.	$0.00

Credit

Home Performance with ENERGY STAR® Rebate $ 4,000.00	$0.00
Amount to be financed by NJNG On-Bill Repayment Program $ 10,000.00 NJNG to send homeowner payment for On-Bill Repayment amount and Rebate, which homeowner is then responsible to remit to Mark Group.	$0.00
Amount due from customer after $150 deposit applied $ 374.00	$0.00

Mark Group Energy Upgrades

Prepared For:	Prepared By:	Job Number
Patrick Leary	Tom Ryan	US6053683
519 5Th Ave BRICK, NJ 08724	732-682-0508	
[redacted]	tom.ryan@markgroup.com	

Energy Upgrade Total Cost **$14524.00**

Approximate date for work to begin

Approximate date for work to end

Deposit required $0.00

Notes

☒ I have read and understand Mark Group's Terms and Conditions and agree to the work scope above.

☒ I acknowledge that I have received the Notice of Cancellation Form.

☒ I understand that improvements cannot be installed until personal items are cleared from applicable workspace(s).

☒ I understand payment is due upon completion of the installation.

Customer Signature: Patrick Leary **Date:** 12/16/13

HPA Signature: **Date:** 12/16/2013

(In MD) Contractor Signature: **Date:**

Mark Group Home Improvement Licenses

Delaware 2010605498

Maryland MHIC #1234567890

New Jersey HIC REG# 13VH06174100

Pennsylvania 073876