

**COUNTY OF HARNETT  
Building Inspections Department  
Planning Services**

**Certificate of Compliance:** \_\_\_\_\_ **Occupancy:**   X  

Certificate issued pursuant to the requirements of North Carolina General Statute 153A-383 and Harnett County Zoning Ordinances. This certifies at the time of issuance, this structure was in compliance with the various ordinances of the County of Harnett and the North Carolina State Building Codes. For the following:

Use Classification:   SFD  

Name:   Wes and Jessica Jarriel  

Address:   510 Rollins Mill Road  

  Holly Springs NC 27540  

Date:   12/09/2015  

Building Official:   Brad Sutton  

**Permit Numbers**

Building:   13-50032390  

Electrical: \_\_\_\_\_

Insulation: \_\_\_\_\_

Plumbing: \_\_\_\_\_

Mechanical: \_\_\_\_\_

MFG Notes: XXXXXXXXXXXXXXXXXXXX

ADDRESS : 510 ROLLINS MILL RD SUBDIV:  
CONTRACTOR : BRAD D CUMMINGS CONSTRUCTION PHONE : (910) 814-3232  
OWNER : PRINCE MATTHEW H PHONE :  
PARCEL : 05-0626- - -0052- -04-  
APPL NUMBER: 13-50032390 CP NEW RESIDENTIAL (SFD)  
DIRECTIONS : T/S: 10/28/2013 03:43 PM JBROCK ----  
401 N TO CHRISTIAN LIGHT RD L ON  
COKEBURY RD L ON WADE STEPHENS THEN L  
ON HWY HWY 42 R ON ROLLINS MILL RD THEN  
R AFTER ABOUT 600 YARDS

**STRUCTURE: 000 000 77X80 4BDR CRAWL W/ GARAGE & DECK**

FLOOD ZONE : FLOOD ZONE X  
# BEDROOMS : 4000000.00 PROPOSED USE : SFD  
SEPTIC - EXISTING? : NEW TANK WATER SUPPLY : COUNTY

**PERMIT: CPSF 00 CP \* SFD**

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	5/07/15	BS	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 002656098
	5/07/15	AP	T/S: May 07, 2015 10:24 AM BSUTTON -----
B103 01	5/15/15	BS	R*BLDG FOUND & TEMP SVC POLE VRU #: 002659522
	5/15/15	AE	Brad - Crawl to be sealed. Added addition foundation access and two temp vents to assist with ventilation during dry-in stage. Please call me with any questions or problems with inspection. 919.770.4693. Thanks! Brad Cummings. T/S: May 15, 2015 11:13 AM BSUTTON ----- Clean exterior to footing, install damproofing from footing to final grade height. Leave open, will check at open floor inspection. TPole is ok. Need premise number to call in power
B105 01	5/21/15	BS	R*OPEN FLOOR VRU #: 002662013
	5/21/15	AP	Premise No. 10627095 Installed damp proofing, pipe, and gravel. Call with any questions. Thanks Brad. Brad C. 919.770.4693 T/S: May 21, 2015 03:51 PM BSUTTON -----
A814 01	7/17/15	TI	ADDRESS CONFIRMATION VRU #: 002689321
	7/16/15	CA	
A814 02	7/17/15	SB	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002689354
	7/17/15	DA	T/S: 07/16/2015 12:58 PM DJOHNSON ----- T/S: July 17, 2015 10:20 AM BSUTTON ----- Update added bedroom square footage second floor at our office.2. Need insulation and air barriers at stairs and kitchen sink. 3. Install baffles at cathedrals upstairs. 4. Firestop plumbing vent at upstairs bedroom closet wall.4. Skew vallet support upstairs to land over wall below. 5. Strap outer corners of rear porch beams.6. Need updated cutsheet for beam over kitchen from 2 ply 11 7/8 to 4 ply 9 1/4. Do not side rear porch. Do not insulate. T/S: 07/17/2015 12:11 PM SBENNETT ----- 492 ROLLINS MILL RD HOLLY SPRINGS 27540 T/S: 07/28/2015 10:11 AM SBENNETT -----
R425 01	7/17/15	BS	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002689347

ADDRESS : 510 ROLLINS MILL RD  
CONTRACTOR : BRAD D CUMMINGS CONSTRUCTION  
OWNER : PRINCE MATTHEW H  
PARCEL : 05-0626- - -0052- -04-  
APPL NUMBER: 13-50032390 CP NEW RESIDENTIAL (SFD)

SUBDIV:  
PHONE : (910) 814-3232  
PHONE :

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
	7/17/15	DA	T/S: 07/16/2015 12:58 PM DJOHNSON ----- T/S: July 17, 2015 04:19 PM BSUTTON ----- Update square footage for exlarged bedroom upstairs. Need updated cutsheet for beam 6 changed from 2-11 7/8 to 4 - 9 1/4. 3. Need insulation and air barriers at kitchen sink and stairway. 4. Install baffles in cathedrals. 5. Firestop plumbing vent at upstairs bedroom closet. 6. Valley support need to be angled to hit on wall below. 7. Strap rear porch beams at each exterior corner. DO not insulate. Do not cover rear porch at beams.
R425 02	7/22/15 7/22/15	BS AP	FOUR TRADE ROUGH IN VRU #: 002691301 List should be complete and correct. Valley support confirmed to be over wall below, which has double joist below. 185" from front gable. Made note on floor. Can still move/relocate if required. Cut sheet in box. Thanks Brad. Call me with any problems. Brad C. - 919.770.4693 T/S: July 22, 2015 10:54 AM BSUTTON -----
I129 01	7/27/15 7/24/15	TI CA	R*INSULATION INSPECTION VRU #: 002693125
I129 02	7/28/15 7/28/15	BS DA	R*INSULATION INSPECTION VRU #: 002694081 T/S: July 28, 2015 09:38 AM BSUTTON ----- Need insulation and foam around front door. Need air barrier at upstairs shower adjacent to kneewall.
I129 03	7/29/15 7/29/15	BS AP	R*INSULATION INSPECTION VRU #: 002695674 Drywall will start today but they will leave off around front door and shower. I will also take pictures incase they accidently cover. Thanks Brad! T/S: July 29, 2015 09:56 AM BSUTTON -----
A814 03	7/29/15 7/28/15	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002694925 510 ROLLINS MILL RD HOLLY SPRINGS 27540 POST # BY LDW T/S: 07/28/2015 10:13 AM SBENNETT -----
H824 01	10/19/15 10/19/15	JM AP	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 002733244 T/S: 10/21/2015 11:06 AM SSTEWARD ----- T/S: 10/21/2015 11:07 AM SSTEWARD -----
R429 01	12/03/15 12/03/15	BS DA	FOUR TRADE FINAL VRU #: 002748168 T/S: December 03, 2015 10:31 AM BSUTTON ----- 1.Label length of dryer duct. 2. Need window locks on upstairs seat windows. 3. Foam seal all attic doors. 4. Need makeup air for vent hood in kitchen. 5. Cap wire in crawlspace that is rolled up next to foundation 6. Protect wire in cabinet for microwave with flex. 7.Insulate between joists around perimeter. 8. Need specs on foam insulation in crawlspace. Must meet flame/smoke ratings (see attached) 9.Need ventwell at dryer termination. 10.Bond gas line to



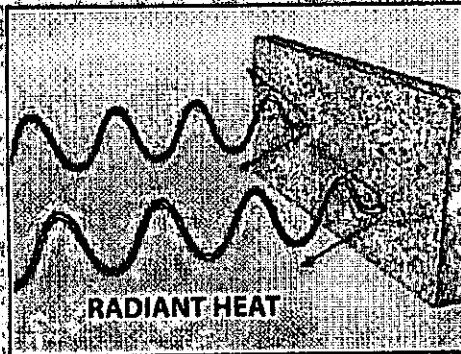
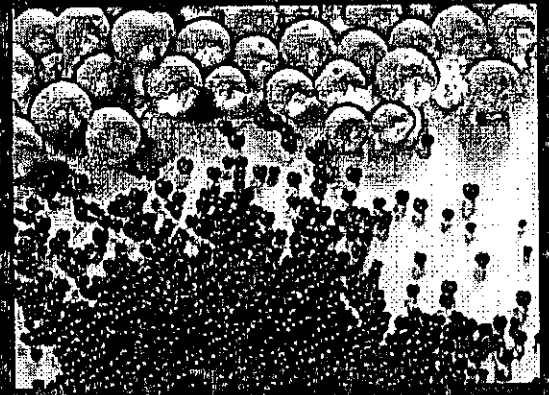
# NEOPRO™

Energy Efficient Graphite-Enabled Board Technology



## EPS INSULATING SHEATHING

NeoPro™ looks different and is different. It is the embodiment of sophisticated advances in insulating technology and performance. With better insulation, you can keep energy costs from going through the roof, as well as the walls. For new construction and renovation, NeoPro™ insulating sheathing for cavity wall applications offers new levels in thermal protection. Made with Neopor® beads from BASF, NeoPro™ is a rigid insulation consisting of high performance closed cell expanded polystyrene (EPS) which is integrated with graphite in the cell structure.



RADIANT HEAT



**Increased R-Values.** The graphite particles, which give NeoPro™ its gray shine, reflect and absorb radiant heat, significantly improving insulation capacity as much as 20% over white EPS and is an Energy Star® qualified product.

**Environmentally Friendly.** NeoPro™ insulating sheathing contains no ozone depleting HCFCs or formaldehyde. The foam core is 100% recyclable which can contribute to LEED® certification. NeoPro™ does not promote the growth of mold or mildew.

**Termite Treated.** By adding Preventol® Preservative Insecticide, an environmentally safe additive, NeoPro™ kills subterranean termites (including Formosan) instead of merely repelling them providing a secondary line of defense to normal termite treatment. Ask for NeoProTK™ if you live in a high termite infestation area.

**NeoPro™ comes in 4' x 8' sheets with thicknesses of 3/8" 1/2", 3/4", 1", 1-1/2", and 2". Custom sizes are also available upon request. NeoPro™ is available with factory laminated metallic (reflective-shiny) facers, clear facers or a combination of the two. These facers are micro-perforated to reduce the potential for moisture build-up in the wall cavity. It may also be purchased unfaced.**

Neopor® is registered trademark of BASF Corporation.  
Preventol® is a registered trademark of LANXESS Germany.  
LEED is an internationally recognized green building certification system.  
Energy Star® is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency.



PERMAR PRODUCTS

800 647 6130

[www.permarproducts.com](http://www.permarproducts.com)



- Increased R-Values
- Environmentally Friendly
- Termite Treated
- Contributes to LEED

# NEOPRO™

Energy Efficient Graphite-Enabled Board Technology



EPS Test Results per ASTM C578			
PROPERTY	UNITS	TYPE VIII	STANDARD
Density (U.S.) Minimum Requirements	lbs/ft <sup>3</sup>	1.15	ASTM D1622 or C303
Thermal Resistance of 1" thick NeoPro TK™	R • ft <sup>2</sup> • h/ft <sup>3</sup> 75° ± 2° F, 40° ± 2° F	4.5, 4.8	Exceeds ASTM C518 minimum requirements
Compressive Resistance at yield (of 10% deformation)	PSI	13.0	ASTM D1621 or C164
Flexural Strength, psi	PSI	30.0	ASTM C203
Dimensional Stability (Change in Dimension) max. %	@ 158°F (70°C) and 87% RH @ -40°F (-40°C)	2.0	ASTM D2126
Water Absorption by total immersion	Volume %	3.0	ASTM C272
Water Vapor Permeance	1", l perm	3.5	ASTM E96
Oxygen Index	Volume %	24.0	ASTM D2862
*Surface Burning Characteristics	Flame Spread Smoke Development	10 40	ASTM E84 or UL 723
Application Limiting Temperature	F° (C°)	165 (73.9)	ASTM C578, 1.1
Chemical Resistance (BASE T) 120 Resistance to Chemicals:	insensitive to water, the majority of acids and alkalis; sensitive to organic solvents.		
** Biological Behavior	No harmful effects on health known.		
*ASTM E-84 is not requirement of ASTM C578			
**Not included in ASTM			



## R-Value Chart

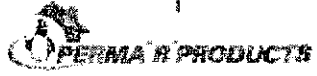
THICKNESS	3/8"	1/2"	3/4"	1"
NEOPRO™ BOARD	1.7 (1.8)	2.3 (2.4)	3.4 (3.6)	4.5 (4.8)
R value @ 75° F (40°F)				
FOIL FACING WITH AIR SPACE	2.8	3.8	4.8	5.8
SYSTEM R-VALUE	4.5 (4.8)	5.1 (5.2)	6.2 (6.4)	7.8 (7.6)

\*\*To obtain the System R-Value there must be a minimum of 3/4" air space between the foil facing and the exterior cladding.  
R- means the resistance to heat flow.  
The higher the R value the greater the insulating power.

Notice: This insulation sheathing board meets or exceeds the physical properties of American Society of Testing Methods (ASTM) C 578

Installation: Install over exterior studs using a 7/16" crown staple or 1" plastic cap nail fasteners. Fasteners should be 6" apart along vertical edge and center of sheathing penetrating the stud at least 3/4". Taping the seams of this sheathing will help keep air from infiltrating the structure. Do not use as a nailing base. Corner bracing required.

Warning: Although this product contains a fire retardant agent, it is combustible. Keep away from open flame. If exposed to sufficient heat and intensity, it may burn rapidly. It should not be left exposed or inadequately protected for long period of time. As always, check with your local building official for specific use.



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 606 OLD QUITMAN RD.  
 ADEL, GA 31620

# THE S.M.A.R.T. INSULATION

## THIRD-PARTY VALIDATED AND CERTIFIED

### NEOPOR® PLUS GPS MEETS STRINGENT PERFORMANCE STANDARDS

#### GREENGUARD Gold Certified for indoor air quality

Neopor Plus GPS has achieved GREENGUARD Gold Certification by UL Environment for products with low chemical emissions.

Products used to build indoor environments can have a significant impact on indoor air pollution levels. Those that have achieved GREENGUARD Certification are scientifically proven to meet some of the most rigorous, third-party chemical emissions standards—helping reduce indoor air pollution and the risk of chemical exposure while aiding in the creation of healthier indoor environments.

#### Neopor Plus GPS is proven to perform

Neopor Plus GPS meets ASTM C578 Type I VIII, IX, II (1.45 lbs/ft<sup>3</sup>), IX and CAN/ULC S701 Type 1,2,3 requirements, complies with ASTM C1512, UL-723, UL 9100.2 and is listed in NFRC 101 for use in fenestration products. Neopor Plus GPS is described in ICC-ES ESR 3463, listed with UL and UL Canada under UL TR 5047-02 and listed on the QAI Laboratories Material Directory. The product is fire and code approved by UL and ICC for ASTM E84, NFPA 286 and NFPA 285 for use in commercial cavity wall with a wide range of cladding approvals (i.e. multiple masonry veneer finishes over steel stud frame). The use of Neopor Plus GPS can earn points under the LEED® Energy Performance Process.



See complete UL classification and code product information at [www.ul.com](http://www.ul.com)

