



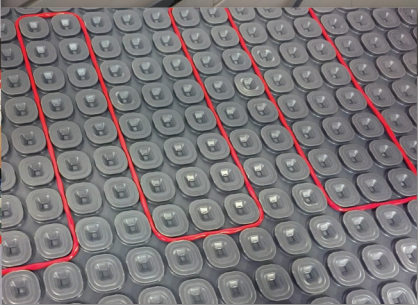
THE COMFORT YOU DESERVE

NVENT NUHEAT MEMBRANE

Integrated floor heating and
uncoupling membrane for tile floors


nvent

NUHEAT



THE COMFORT YOU DESERVE

nVent NUHEAT Membrane is a tile underlayment that can be installed over the entire subfloor for uncoupling, crack isolation, waterproofing, and floor heating purposes. It can eliminate the need for a second layer of plywood or concrete backer board in most tile installations.

Membrane pillars have been designed to embed nVent NUHEAT Cable for an easy installation method and to guarantee even heat distribution.

Visit nVent.com/NUHEAT to find a distributor near you.



INSTALLATION



A professional tile setter installs nVent NUHEAT Cable onto the subfloor. A certified electrician connects the system to your household wiring.

FAST FACTS

- Provides crack isolation and waterproofing
- Replaces plywood and cement board as tile underlayment
- Accepts use of modified and unmodified thinsets for tile setting
- Industry leading 25-Year Total Care Warranty

ROBINSON FLOOR TEST RATING

The nVent NUHEAT Membrane product receives an 'Extra Heavy' rating in the Robinson Floor Test (ASTM C627):

REPORT NUMBER	SUBSTRATE	TILE	JOIST SPACING	RATING
TNCA-773-14	OSB/Plywood	12" x 12" Porcelain Tile	19.2" O.C	Extra Heavy
TCNA-772-14	Concrete	12" x 12" Porcelain Tile	N/A	Extra Heavy

UNCOUPLING FAQs

Q: What is the purpose of an uncoupling membrane?

A: An uncoupling membrane is installed in between the subfloor below and the tile layer above. It prevents stresses in the subfloor from transmitting to the tile and grout layer and potentially causing them to crack.

Q: Do I need to use an uncoupling membrane for all tile installations?

A: No – depending on the condition and construction of the subfloor, an uncoupling membrane may not be needed. Uncoupling membranes are only needed if movement or cracking of the substrate is expected. Discuss with your tile professional to determine if your installation would benefit from using an uncoupling membrane.

COMBINE WITH NVENT NUHEAT CABLE

The nVent NUHEAT Cable can be installed directly into nVent NUHEAT Membrane in areas where heat is desired. Once Cable is installed, tiling can begin immediately using thinset thereby eliminating the need to embed the heating cable in self-leveling compounds.

Features of the Cable Floor Heating System include:

- Durable heating cable construction
- Flexible heat output (10 to 15 W/ft²)
- Thin profile heating cable and electrical lead
- Industry-leading 25-Year Total Care Warranty



WARRANTY



GAIN THE EXCLUSIVE RIGHTS to offer 25-Year Total Care Warranty* for your floor heating installations. By signing up today you're on your way to distinguishing yourself through expert certification.

* Total Care Warranty is an upgrade of our product warranty and is offered exclusively at no additional cost for all installations completed by nVent NUHEAT Certified PRO installers. To learn more on how to become a nVent NUHEAT Certified PRO installer visit nVent.com/NUHEAT

For more information, please call: +1.800.778.WARM(9276) or email: CertifiedPROteam@nvent.com

STEP 1 - SELECT THE MEMBRANE PRODUCT TO COVER THE FLOOR AREA

Catalog Number	Description	Dimensions
NUMEM161	nVent NUHEAT Membrane - Large Roll (161 ft ²)	3'3" x 49.5 ft
NUMEM054	nVent NUHEAT Membrane - Small Roll (54 ft ²)	3'3" x 16.5 ft
NUMEM250	nVent NUHEAT Membrane Sheet (10.6 ft ²) - Box of 25 sheets	3'3" x 3'3"
PRBPE1505	Waterproofing Seam Tape	6" x 16 ft
PRBPE1530	Waterproofing Seam Tape	6" x 98 ft

STEP 2 - SELECT THE NVENT NUHEAT CABLE KIT TO COVER THE DESIRED HEATED FLOOR AREA

NVENT NUHEAT CABLE 120 VOLT KIT

Model #	Square Foot Coverage			Length (ft)	Total Watts
	3 pillars*	2/3/2 pillars*†	2 pillars*		
	10 W/ft ²	12 W/ft ²	15 W/ft ²		
N1C008	9	8	6	29	80
N1C012	14	12	10	47	138
N1C015	17	15	12	57	170
N1C025	30	25	21	98	299
N1C030	36	31	25	120	343
N1C040	45	38	31	148	442
N1C050	57	48	39	188	562
N1C060	71	60	49	234	719
N1C070	81	68	55	265	810
N1C080	97	82	66	318	947
N1C085	102	86	69	334	1021
N1C095	115	97	78	377	1161
N1C110	129	109	88	423	1299
N1C120	145	122	98	474	1461

†Our recommended spacing is alternating 2-3-2 pillar spacing which produces 12 W/ft². If you are installing over a concrete slab and require more heat, we recommend using 2-pillar spacing which produces 15 W/ft²

STEP 2 CONTINUED

NVENT NUHEAT CABLE 240 VOLT KIT

Model #	Square Foot Coverage			Length (ft)	Total Watts
	3 pillars*	2/3/2 pillars*†	2 pillars*		
	10 W/ft ²	12 W/ft ²	15 W/ft ²		
N2C015	17	14	12	56	165
N2C020	24	21	17	80	224
N2C025	31	26	21	102	302
N2C035	41	35	28	136	403
N2C045	54	46	37	178	523
N2C055	63	53	43	207	632
N2C065	76	64	52	250	742
N2C070	84	71	58	277	842
N2C085	102	86	69	334	1020
N2C090	109	92	74	358	1102
N2C100	120	101	82	393	1211
N2C120	145	121	98	472	1427
N2C135	162	136	110	529	1621
N2C145	172	144	116	561	1704
N2C160	193	162	131	630	1914
N2C170	204	171	138	665	2054
N2C190	233	195	157	757	2314
N2C215	261	219	176	849	2589
N2C240	293	246	198	953	2905

Square foot coverages are estimates based on square area with unheated border of 2".

* pillars of the uncoupling membrane.



COMBINE WITH NVENT NUHEAT CABLE

- Low profile heating cable and electrical lead
- Durable heating cable construction
- Flexible heat output (10 to 15 W/ft²)

THERMOSTATS



nVent NUHEAT Signature

WiFi-Enabled

Floor Heating Thermostat

- WiFi-enabled
- 3.5 in Color touchscreen
- Energy usage monitor
- 7-day programmability
- Dual-voltage (120 V & 240 V)



Control4



nVent NUHEAT Home

Programmable

Floor Heating Thermostat

- 3.5 in Color touchscreen
- Energy usage monitor
- 7-day programmability
- Dual-voltage (120 V & 240 V)



nVent NUHEAT Element

Non-Programmable

Floor Heating Thermostat

- Manual temperature control
- Dual-voltage (120 V & 240 V)



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nVent.com/NUHEAT

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Nuheat-SB-H60132-FloorHeatingMembrane-EN-1901

All thermostats come with manufacturer's limited (3) three-year warranty (valid from the date of purchase) and built-in GFCI protection.