

DATA SHEET

20/1.2 x 0.71 m BLACK THERMAL CASTELLATED FLOOR PANEL

Internal code: NEONUT20/1

1. DESCRIPTION

- the castellated floor panel allows the fixing of the underfloor heating pipes and thermally insulates the system from the rest of the building
- it can be used in various applications: from family homes, residential complexes to commercial premises



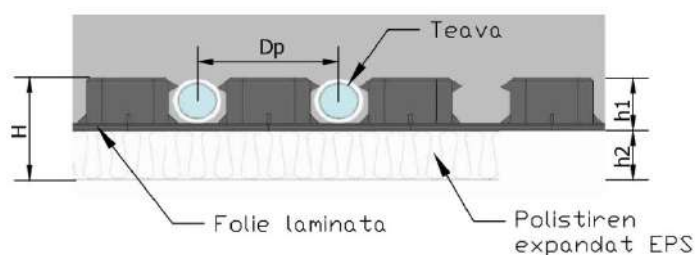
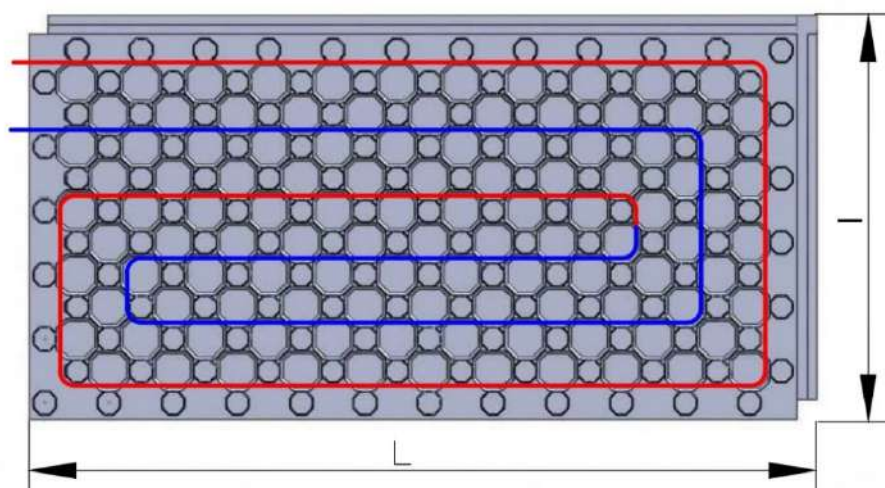
2. TECHNICAL CHARACTERISTICS

Product density	EPS 150
Colour	Black
Usable panel size	1200 x 710 mm
Box size	1270 x 780 x 540 mm
Panel surface	0.852 m ²
m ² per package	14.484
Number of pieces per package	17 pcs
Total thickness	42 mm

Polystyrene thickness	20 mm
Knob height	22 mm
Distance between knobs	50 mm
Pipe diameter	16 - 17 mm
Cover foil	600 μ m
Thermal conductivity	0.030 W/mk
Compressive strength (UNI EN 826)	> 150
Values relating to water absorption, deformation under compressive load conditions and temperature, dimensional stability under normal temperature and humidity conditions	SR EN 12087:2013 SR EN 1605:2013 SR EN 1603:2013
Reaction to fire (EN 13501-1) Euroclass	E

Internal code	L [mm]	I [mm]	L _u [mm]	I _u [mm]	Usable panel area [mm]	H [mm]	H ₁ [mm]	H ₂ [mm]	D _p [mm]
NEONUT20/1	1240	750	1200	710	0.852	42	22	20	50

L - length; I - width; L_u - useful length; I_u - useful width; H – total height; H₁ - knob height; H₂ - insulation height; D_p – mounting pitch interval



Key
 Teavă = Pipe
 Folie = Foil
 Polistiren expandat
 = Expanded
 polystyrene

3. PACKAGING AND STORAGE

Transport and storage: The product is stable and inert under normal conditions of transport, storage and use.

Transport by covered and clean means of transport, not tightly closed, to allow natural ventilation. Do not transport expanded polystyrene plates together with other materials that can damage them (thinners, combustible substances, paints, materials that can move during transport). Store in covered, ventilated spaces, protected from moisture, away from heat sources, avoiding exposure to sunlight.

4. WARRANTY PERIOD

The warranty period is 24 months from the date of delivery, provided that the customer/user fully complies with the transport, installation and use rules.

