



AENOR Product Certificate



001/007487

AENOR certifies that the organization

UPONOR GMBH

registered office Industriestrasse, 56 97437 Hassfurt (Alemania)

supplies **Flooring heating systems**

in compliance with the standards
UNE-EN 1264-1:2022 (EN 1264-1:2021)
UNE-EN 1264-2:2022 (EN 1264-2:2021)
UNE-EN 1264-3:2022 (EN 1264-3:2021)
UNE-EN 1264-4:2022 (EN 1264-4:2021)
UNE-EN 1264-5:2022 (EN 1264-5:2021)

System description Details in annex for more information.

Production site Avenida Leonardo Da Vinci, 15-17 19 28906 Getafe (Madrid - España)

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.64.

First issued on 2023-04-21
Validity 2028-04-21

Rafael GARCÍA MEIRO
CEO



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Annex to Certificate

System description Trademark: SISTEMA COMFORT NUBOS PLUS
Type of structure: Type A
Suptype: A2
Type of insulating panel: EPS
Thickness declared of the flat part: 24 mm
Thickness declared including molded part: 46 mm
Effective thermal resistance of the panel: 0,75 m²K/W
Effective thermal resistance of the panel declared: 0,032 W/mK
Type of coating: Mortar with additive UPONOR MULTI ADITIVO
Thickness of the mortar: 0,045 m
Type of pipe: PEX-a Pipes (AENOR Cert. 001/006217)
Pipe dimensión: 16x2 mm

Pipe distance (mm)	Standard specific thermal output qN (W/m2)	Standard temperature difference DT(K)	Equivalent thermal transmittance (W/m2K)	Verification method	Date
100	97,29	15,37	6,33	Experimental	2023-04-18
150	81,00	13,46	6,02	Theoric value	2023-04-18
200	73,76	14,27	5,17	Theoric value	2023-04-18

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