

NOVOTERM "FACADE" series

Index	NT FasPRO 12	NT FasPRO 15
Density, kg/m <sup>3</sup>	90-110	105-125
Stability of dimensions by length, width, thickness at [(25 ± 2) °C, (90 ± 5)% <sub>rel</sub> , 48 h], %, less than	1	1
Thermal conductivity at a temperature of (10 ± 0,5)°C, W/(m*K), less than	0,034	0,034
Thermal conductivity at a temperature of (25 ± 5)°C, W/(m*K), less than	0,037	0,038
Compressive stress at 10% deformation, kPa, not less	25	30
Tensile strength perpendicular to faces, kPa, more than	12	15
Organic content, % to mass, less than	4,5	4,5
Water absorption when fully immersed, % per volume, less than	1,5	1,5
Short term water absorption, kg/m <sup>2</sup> , less than	1	1
Long term water absorption, kg/m <sup>2</sup> , less than	3	3
Vapor permeability, m <sup>2</sup> / m*h*Pa, more than	0,3	0,3
Air permeability, kg/m <sup>2</sup> *h, less than	0,3	0,3
Moisture, % by mass, less than	1	1
Period of effective operation, years, more than	50	50
Normal sound absorption coefficient at a layer thickness of 60 mm, Hz		
125	0,10-0,05	0,10-0,05
250	0,20-0,15	0,20-0,15
500	0,55-0,40	0,55-0,40
1000	0,75-0,60	0,75-0,60