NOVOTERM "FACADE" series										
Index	**NT Facade 100**	**NT Facade 110**	**NT Facade 115**	**NT Facade 120**	**NT Facade 125**	**NT Facade 130**	**NT Facade 135**	**NT Facade 145**	**NT FasPRO 12**	**NT FasPRO 15**
Density, kg/m3 ± 10%	100	110	115	120	125	130	135	145	100	115
Stability of dimensions by length, width, thickness at [(25 ± 2) °C, (90 ± 5)%, 48 h], %, less than	1	1	1	1	1	1	1	1	1	1
Thermal conductivity at a temperature of (10 ± 0,5)°C, W/(m*K), less than	0,034	0,034	0,034	0,034	0,034	0,034	0,036	0,035	0,034	0,034
Thermal conductivity at a temperature of (25 ± 5)°C, W/(m*K), less than	0,037	0,037	0,038	0,038	0,036	0,036	0,038	0,037	0,037	0,038
Compressive stress at 10% deformation, kPa, not less	25	25	30	30	35	40	40	45	25	30
Tensile strength perpendicular to faces, kPa, more than	10	10	10	10	12	12	12	15	12	15
Organic content, % to mass, less than	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
Water absorption when fully immesed, % per volume, less than	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Short term water absorption, kg/m2, less than	1	1	1	1	1	1	1	1	1	1
Long term water absorption, kg/m2, less than	3	3	3	3	3	3	3	3	3	3
Vapor permeability, m2 / m*h*Pa, more than	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Air permeability, kg/m2*h, less than	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Moisture, % by mass, less than	1	1	1	1	1	1	1	1	1	1
Period of effective operation, years, more than	50	50	50	50	50	50	50	50	50	50
Normal sound absorption coefficient at a layer thickness of 60 mm, Hz										
125	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05	0,10-0,05
250	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15	0,20-0,15
500	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40	0,55-0,40
1000	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60	0,75-0,60