NOVOTERM «TEHIZOL» series									
Index	**NT Tehizol 40**	**NT Tehizol 40**	**NT Tehizol 80**	**NT Tehizol 90**	**NT Tehizol 100**	**NT Tehizol 110**	**NT Tehizol 120**	**NT Tehizol 140**	**NT Tehizol 150**
Density, kg/m3 ± 10%	40	60	80	90	100	110	120	140	150
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
Thermal conductivity at a temperature of (10 ± 0,5)°C, W/(m*K), less than	0,034	0,034	0,034	0,034	0,035	0,035	0,035	0,035	0,038
Thermal conductivity at a temperature of (25 ± 5)°C, W/(m*K), less than	0,037	0,036	0,037	0,037	0,038	0,037	0,038	0,038	0,038
Thermal conductivity at a temperature of (125 ± 5)°C, W/(m*K), less than	0,06	0,06	0,06	0,06	0,06	0,06	0,06	0,06	0,06
Compressive stress at 10% deformation, kPa, not less	-	-	12	20	25	30	35	45	50
Compressibility, %, less than	Not less 12	8	3	-	-	-	-	-	-
Organic content, % to mass, less than	2	2	3	3	3	3	3.5	3.5	3.5
Water absorption when fully immesed, % per volume, less than	2	2	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
Period of effective operation, years, more than	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
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
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
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
2000	0,85-0,70	0,85-0,70	0,85-0,70	0,85-0,70	0,85-0,70	0,85-0,70	0,85-0,70	0,85-0,70	0,85-0,70