

Customer: NORDAN VINDUER LTD (DOMESTIC)

Project name: Ard Na Si, Banteer Cork

Lnr	Mrk	Qty	Product	Width	Height	Thermal (W/m²K)		Optical		Weight (kg)				Area (m²)			F
				mm	mm	Uw	Ug	Lt	Gg	total	glass	wood	alu	total	glass	daylight	
005	W001-N-O	1	TM	988	2188	0,80	0,52	62	0,39	86,40	59,57	25,53	1,30	2,16	1,65	1,53	71
010	W002-N-O	1	TM	988	2188	0,80	0,52	62	0,39	86,40	59,57	25,53	1,30	2,16	1,65	1,53	71
015	W003-5-NF	3	TL	1288	3198	0,65	0,52	63	0,38	175,62	153,67	20,12	1,83	4,12	3,75	3,60	87
017	W0-06-E-F	1	TL	888	2388	0,70	0,52	63	0,38	91,80	75,92	14,55	1,33	2,12	1,85	1,75	82
020	W0-07-N-O	1	TD	888	1488	0,82	0,52	63	0,38	58,66	37,99	19,72	0,95	1,32	0,93	0,86	65
025	W0-08-N-O	1	TD	888	1488	0,82	0,52	63	0,38	58,66	37,99	19,72	0,95	1,32	0,93	0,86	65
030	W0-09-W-F	1	TL	748	1188	0,75	0,52	62	0,38	38,81	29,66	8,39	0,76	0,89	0,73	0,67	76
035	D0-02-W	1	TE	1188	2188	0,81	0,52	63	0,38	110,58	77,55	32,13	0,90	2,60	1,89	1,79	69
040	D0-03-W	1	TE	1188	2188	1,2	1,00	71	0,52	81,26	48,23	32,13	0,90	2,60	1,89	1,79	69
045	W0-10-W-F	1	TL	1188	2188	0,68	0,52	63	0,38	111,56	95,19	15,01	1,36	2,60	2,32	2,21	85
050	D0-04-S	2	2I	2088	2188	0,82	0,52	63	0,38	197,16	139,36	55,71	2,09	4,57	3,40	3,21	70
055	W0-11-S-F	1	TL	1317	2188	0,67	0,52	63	0,38	123,33	106,31	15,61	1,41	2,88	2,59	2,48	86
060	W0-12-S-F	1	TL	1788	1288	0,68	0,52	63	0,38	98,89	84,05	13,63	1,21	2,30	2,05	1,95	85
065	D0-05-S	2	2I	2088	2188	0,82	0,52	63	0,38	197,16	139,36	55,71	2,09	4,57	3,40	3,21	70
070	W0-13-S-F	1	TL	738	1288	0,77	0,52	63	0,38	41,86	32,26	8,80	0,80	0,95	0,79	0,73	76
071	W0-14-E-F	1	TL	738	1488	0,76	0,52	63	0,38	48,22	37,62	9,72	0,88	1,10	0,92	0,85	77
075	W0-15-E-O	1	TD	988	1488	0,80	0,52	62	0,39	59,66	38,05	20,61	1,00	1,47	1,06	0,99	67
080	W1-01-N-O	1	TD	988	1488	0,80	0,52	62	0,39	59,66	38,05	20,61	1,00	1,47	1,06	0,99	67
085	W1-02-N-F	1	TL	1288	1723	0,68	0,52	63	0,38	95,40	80,86	13,34	1,20	2,22	1,97	1,88	85
090	W1-03-N-F	1	TL	1288	1723	0,68	0,52	63	0,38	95,40	80,86	13,34	1,20	2,22	1,97	1,88	85
095	W1-04-N-F	1	TL	1288	1723	0,68	0,52	63	0,38	95,40	80,86	13,34	1,20	2,22	1,97	1,88	85
SUM						0,77		63	0,39	3234,97	2465,01	729,09	40,87	75,72	61,51	58,26	77

Uw =Averaged U-value for complete product

Calculation of U-value in accordance to NS-EN ISO 10077-1, 10077-2 and the program "Therm".

The calculation methodology is independently quality assured by SINTEF Building and Infrastructure.

Ug =U-value center glass pane

Centre U-value of glass is calculated in accordance to NS-EN 673.

Lt =Light transmission, % daylight transmitted through glass.

Calculated according to BS-EN 410

Gg =Solar transmittance, % solar energy transmitted through glass.

Calculated according to BS-EN 410

F =% visible glass area compared to overall product area

Lnr	Mrk	Qty	Product	Width	Height	Thermal (W/m²K)		Optical		Weight (kg)				Area (m²)			F
				mm	mm	Uw	Ug	Lt	Gg	total	glass	wood	alu	total	glass	daylight	%
100	W1-05-W-O	1	TD	988	1188	0,83	0,52	63	0,38	52,46	33,38	18,21	0,87	1,17	0,81	0,75	64
105	W1-06-S-F	1	TL	1088	663	0,80	0,52	63	0,38	32,00	23,79	7,54	0,67	0,72	0,58	0,53	73
110	W1-07-S-F	1	TL	3588	663	0,74	0,52	63	0,38	103,74	83,04	19,04	1,66	2,38	2,03	1,89	79
115	D0-06-S	1	2P	2838	2188	0,80	0,52	63	0,38	289,32	205,76	79,41	4,15	6,21	5,02	4,80	77
SUM						0,77		63	0,39	3234,97	2465,01	729,09	40,87	75,72	61,51	58,26	77

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