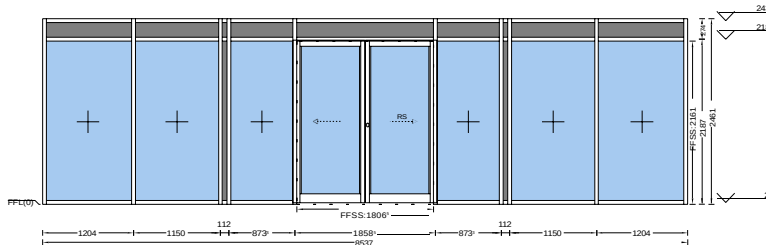

U-Value Report

Person in Charge: Michael Reynolds

Page: 1
 Date: 30/10/2022
 Time: 02:05 pm
 Job: **Holiday Inn, Reading South,
 RG2 0SL**

Pos 006

1 Pcs. Curtain Wall Element 8537 mm x 2461 mm Entrance Lobby U value, Consisting of 17 Fixed Fields and a Double Automatic Door.



Scale 1:25
 Exterior View
 Systems: Senior SF52 (Zone Drained) Fully
 Capped 52 mm
 Senior SFG-SD Double glazed

Area	Area/Length	U-Value
Profiles (U_f) (Declaration by Orgadata)	2.850 m ²	3.54 W/(m ² K)
Glass (U_g)	15.860 m ²	1.00 W/(m ² K)
Interconnection Glass (Ψ_i)	48.404 m	0.076 W/(m K)
Panel (U_p)	1.824 m ²	1.00 W/(m ² K)
Interconnection Panel (Ψ_i)	28.238 m	0.038 W/(m K)
Interconnection Insertion Elements (Ψ_i)	6.167 m	0.070 W/(m K)
Total (U_{cw}/U_w)	20.535 m²	1.60 W/(m²K)

The position includes profiles which do not have U-values entries in the database. Thus, the standard U-value is applied instead.

Sum of all Positions (U_{cw}/U_w)	20.535 m²	1.60 W/(m²K)
---	-----------------------------	--------------------------------

The thermal transmission coefficients U_w were determined for single windows according to EN ISO 10077-1:2017 and for curtain walls (U_{cw}) according to EN ISO 12631: 2017. Notice: U_w Kernel V1.0