

TOTAL THERMAL TRASMITTANCE

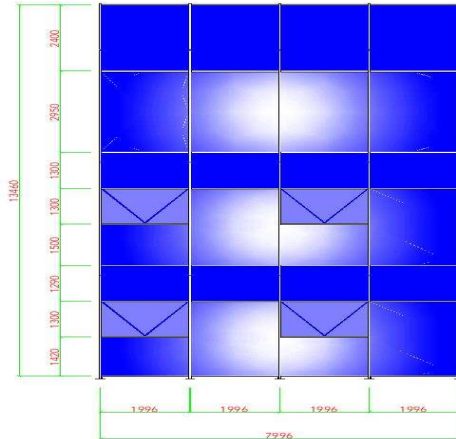
Standard module analysis 8000 x 13460 mm
 TIPOLOGY F1

Project: **TIPO**
 Client: **ZANARDO**
 Element systems: **UNIFORM UNITHERM**

Standard: **EN ISO 10077-1/2**
prEN 13947
 Data : **11/02/2009**

Ug Glass: 1,10 W/mqK
 Uf Frame: 1,63 - 3,33 W/mqK

Front UNITHERM

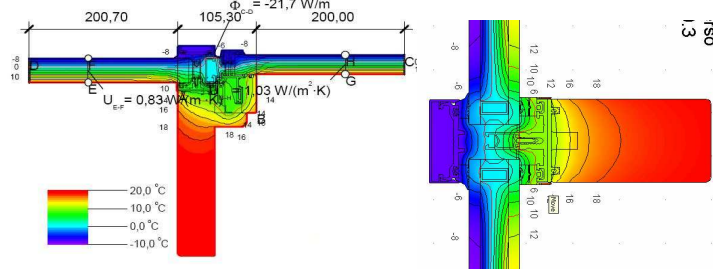


$$U_{cw} = \frac{\sum A_g U_g + \sum A_f U_f + \sum A_p U_p + \sum l_g \Psi_g + \sum l_p \Psi_p}{\sum (A_g + A_f + A_p)} = \boxed{1,10} \text{ W/(mq } \text{°K)}$$

$\Sigma A_g U_g = 93,9$	$\Sigma A_p U_p = 0$	$\Sigma A_f U_f = 15,57$	Ag tot= 76,93 mq
$\Sigma l_g \Psi_g = 0$	$\Sigma l_p \Psi_p = 0$	$\Sigma l_f m \Psi_f m = 0$	Af tot= 7,35 mq
			Ap tot= 0,00 mq

W = Element Width (mm) U = Thermal Trasmittance (W/mqK) n = Element q.ty
 H = Element Height (mm) Ψ_g = Lineic coefficient

Vertical-Horizontal section UNITHERM



glass					panel					mullion/transom/Frame				sub frame			
n	Wg	Hg	Ug	Ψ_g	n	Wp	Hp	Up	Ψ_g	n	Wf	Lf	Uf	n	Wt	Ht	Ψ_f, m
2	1990	1415	1,10	0,000	0	0	0	0,00	0,000	4	50	1420	1,63	0	0	0	0,00
2	1190	1450	1,10	0,000	0	0	0	0,00	0,00	4	50	2790	1,63	0	0	0	0,00
2	1190	2670	1,10	0,000	0	0	0	0,00	0,00	4	50	6650	1,63	0	0	0	0,00
2	1190	2750	1,10	0,000	0	0	0	0,00	0,00	1	50	13460	1,63	0	0	0	0,00
4	1990	2900	1,10	0,000	0	0	0	0,00	0,00	5	50	7996	1,63	0	0	0	0,00
4	1890	1150	1,10	0,000	0	0	0	0,00	0,00	4	50	1996	1,63	0	0	0	0,00
8	1990	1250	0,90	0,000	0	0	0	0,00	0,00	8	80	1996	3,33	0	0	0	0,00
4	1990	2350	0,90	0,000	0	0	0	0,00	0,00	8	80	1300	3,33	0	0	0	0,00

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