

Multiple-glazed units in the P class/_{spacer 12 mm}/IPOLFLAM EI 60

Class of the glass (EN 356)		P5A	P6B	P7B
Thickness of laminated glass [mm]		10,5	15,5	23,5
Weight of laminated glass [kg]		21,8	32,4	48,5
Maximum dimension [mm]		2500 x 5000		
Light (EN 410 - 2011):				
Transmittance for standard illuminant D65 [%]:	τ_v	0,74	0,69	0,64
Reflectance for standard illuminant D65 [%] (*):	ρ_v	0,12	0,12	0,12
Reflectance for standard illuminant D65 [%] (**):	ρ_v	0,13	0,13	0,12
Energy (EN 410 - 2011):				
Solar direct transmittance [%]:	τ_e	0,46	0,42	0,37
Solar direct reflectance [%] (*):	ρ_e	0,11	0,10	0,09
Solar direct reflectance [%] (**):	ρ_e	0,09	0,09	0,09
Transmittance for UV [%]:	τ_{uv}	0,00	0,00	0,00
Total solar energy transmittance [%] (*):	g	0,54	0,54	0,54
Total solar energy transmittance [%] (**):	g	0,69	0,63	0,54

(*) incident radiation from the outside - the fire-resistant glass pane directly exposed to radiation

(**) incident radiation from the inside - the laminate directly exposed to radiation

The calculated values are for orientation only and do not offer any guarantee regarding the fabrication of the un-intended end-product. Glass configurations do not amount to a guarantee of product availability.