

## Multiple-glazed units in the P class/<sub>spacer 12 mm</sub>/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		
<b>Light (EN 410 - 2011):</b>				
Transmittance for standard illuminant D65 [%]:	$\tau_v$	0,74	0,69	0,64
Reflectance for standard illuminant D65 [%] (*):	$\rho_v$	0,12	0,12	0,12
Reflectance for standard illuminant D65 [%] (**):	$\rho_v$	0,13	0,13	0,12
<b>Energy (EN 410 - 2011):</b>				
Solar direct transmittance [%]:	$\tau_e$	0,46	0,42	0,37
Solar direct reflectance [%] (*):	$\rho_e$	0,11	0,10	0,09
Solar direct reflectance [%] (**):	$\rho_e$	0,09	0,09	0,09
Transmittance for UV [%]:	$\tau_{uv}$	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.