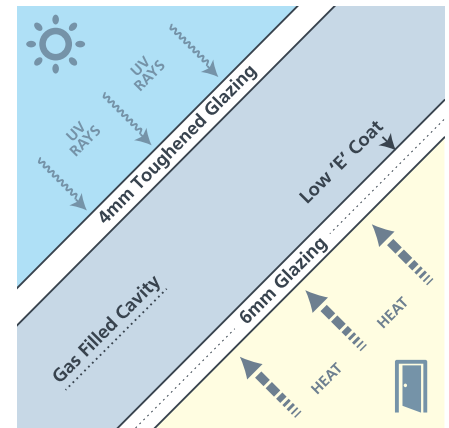


Hi-Therm Glazing Roof Window

The Keylite Hi-Therm Glazing Unit is the ideal choice when considering both safety and reducing the sound transmitted through the roof window glazing.



Technical Information

▶ UV: transmittance [%] :	$t_{uv} = 0$
▶ Light: transmittance for standard illuminant D65 [%]:	$t_v = 81$
reflectance for standard illuminant D65 [%] (*):	$r_v = 12$
reflectance for standard illuminant D65 [%] (**):	$r_v = 12$
general colour rendering index [%]:	$R_a = 98$
▶ Energy: solar direct transmittance [%]:	$t_e = 53$
solar direct reflectance [%] (*):	$r_e = 28$
solar direct reflectance [%] (**):	$r_e = 23$
solar direct absorption [%] (*):	$a = 19$
total solar energy transmittance (solar factor) EN 410 [%] (*):	$g = 64$
shading coefficient (=g_DIN/0,87) (*):	$s_c = 0.73$
thermal conductance (U-value) [W/m ² K] (EN 673):	$U_g = 1.1$
slope [°]: $\alpha = 90,0$	
▶ Sound: sound transmittance	$dB = 36$

(*) incident radiation from the outside

(**) incident radiation from the inside

Glazing Make-Up

- ▶ 4mm toughened outer pane
- ▶ 18mm Argon gas filled cavity
- ▶ 6mm laminated inner pane
- ▶ Ideal safety glazing for windows below 800mm from finish floor level or windows above head height
- ▶ Improves sound reduction, safety and a reduction in the harmful effects of UV light
- ▶ Warm edge glazing unit
- ▶ U-Value glazed unit 1.1 W/m².K
- ▶ Available throughout the entire Keylite range

Note: Self-cleaning glass available upon request. For further information, please contact the Keylite technical team.

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