



**Nicholls & Clarke Glass Ltd**

**Registered office: 41-51 Freshwater Road, Chadwell Heath, Romford, RM8 1SP**

Basic soda lime silicate glass, intended to be used in buildings and construction works.	
Manufactured into Hermetically sealed insulating glass unit. Of 4/16/4 inner pane Pilkington KOW / Obscure Glass outside pane	
Resistance to Fire	NPD
Reaction to Fire	NPD
External Fire Performance	NPD
Bullet Resistance	NPD
Burglar Resistance	NPD
Resistance against sudden temperature changes and Temperature differentials	NPD
Wind, Snow, Permanent and imposed load resistance.	24mm
Direct Airborne sound insulation,	NPD
Thermal Properties with Argon 90% filled cavity	1.5 Wm2K
Thermal Properties with Air filled cavity	1.7 Wm2K
Radiation Properties:	
Light Transmittance $t_l$ / Reflectance $l_{ri}/l_{rt}$	0.75/0.17
Solar Transmittance $t_s$ / Reflectance $r_e$	0.62/0.15
g value	0.69

**Date: 07/05/2013**

[www.ncdirect.co.uk](http://www.ncdirect.co.uk)