



# Strength & Warmth

The Shield window range from Newark Glass forms part of the company's comprehensive range of PVC-U windows & doors, all designed to meet the demands of UK householders and to withstand the unique British climate. All feature multi-chambered construction for great strength and superb sound and thermal insulation properties.

The PVC-U profile used by Newark Glass in Shield windows has a 70mm outer frame depth, thick walls for great strength and a pleasing contour to the edges - which can be supplied as either a straight bevel or a curved edge.

The Shield range comprises strong and stylish windows, combining a tough frame with espagnolette locking, and where required toughened glass and reinforcing. It also shares one characteristic with all our ranges - excellent thermal insulation - improved

further by the use of Pilkington K Glass which reflects heat back into a room.

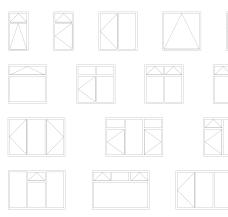
Available in white, cherrywood, light oak or mahogany woodgrain PVC-U, Newark Glass' casement windows feature side-hung or tophung vents, optionally combined with direct glazed fixed lights, and the vents can even be fitted with easy-clean hinges allowing access to the outside. Also, where Building Regulations demand it, fire escape hinges will be fitted.

All of this is finished off by the use of top-quality accessories such as handles and trims that compliment the windows, and the availability of matching doors and patio doors.

Shield windows also come as standard with the reassurance of BSI Kitemarks.



## WINDOW STYLES

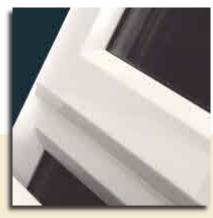


PLUS MANY MORE STYLES AF





SCOTIA BEAD OPTION



WHITE FINISH



OVOLO BEAD OPTION



LIGHT OAK FINISH

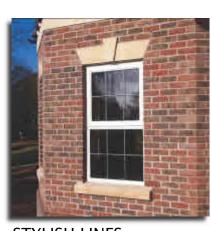


HORNED SASH OPTION

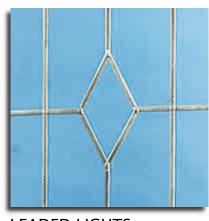


**CHERRYWOOD FINISH** 





STYLISH LINES



**LEADED LIGHTS** 

# SHIELD CASEMENT WINDOWS SPECIFICATION

#### WINDOW DESIGN

Casement windows provide an extremely versatile range of sizes, shapes and styles to suit customers' needs in both domestic and commercial applications. The range includes either flat or rounded bevels, while transoms and mullions are all thermally welded. Alternative cills and ancillary components broaden the choice even further.

#### **GLAZING**

Newark Glass Shield windows are fitted as standard with 28mm square-edged sealed glazing units and are internally beaded for security. Toughened glass is used where required.

To further enhance the window's thermal insulation properties we use Pilkington K Glass that actually reflects heat back into the room.

#### REINFORCEMENT

The intrinsic strength of the profile is supplemented where necessary by the inclusion of Steel and Aluminium reinforcing in transoms, mullions, opening vents and the outer frame where extra support is desirable.

#### **WEATHERSEALS**

Dual weatherseals fitted to all opening vents have excellent weathering characteristics to ensure long-term reliability and consistent performance.

#### **HARDWARE**

The hinges, locks and handles used on the Shield range have been chosen to provide the combined benefits of reliable operation, ease of opening, high security when closed and colours to match the window.

The window locks used are high-quality espagnolette locks that use a sliding 'cam' that interlocks into a metal keep..

#### **QUALITY ASSURANCE**

Newark Glass is registered to ISO9001:2000 for the manufacture of windows, doors, sealed units and conservatories and employs full-time QA staff including Inspectors and Testers.

#### **FURTHER DETAILS**

Details of the full Shield range and our other products are available from any of our offices and on our website:

### WWW.NEWARKGLASSGROUP.COM











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KM 55198







OAK TREE HOUSE, BRUNEL DRIVE NEWARK, NG24 2EG - 01636 610088 WWW.NEWARKGLASSGROUP.COM

