

EVTDS 5

Technical Data Sheet

GRP Door Leaf

GENERAL

- Range of door styles may be produced as illustrated in the latest edition of the 'Fibreglass' product brochure
- Fibreglass-faced (SMC) composite door leaf of nominal 44mm thickness
- May be hung in 60mm or 70mm PVC-U / Timber / Composite outer frames
- Low maintenance, high performance

DOOR LEAF

Fibreglass facings

- Nominal 2mm thickness both sides of door
- Compression moulded SMC to door pattern
- Smooth or grained surface finish
- No finishing required
- Low maintenance; wipe down with soft cloth and warm water to clean
- UV stable through-colour options:
 - White Smooth
 - White Grained
 - Red
 - Blue
 - Green
- Available in a buff finish for painting or staining on site

Sub-frame System

- Composite construction engineered sub-frame
- Laminated PVC-Ue profiles to outer edge laminated to timber inner frame

Core Insulation

- Injected polyurethane foam – CFC free

GLAZING SYSTEM

Cassette Glazing

- Cassette glazing system
- Pre-glaze with 26mm thickness double-glazed units
- Full range of cassette designs available

HARDWARE

Locks

- Leaf will accept virtually all multi point locking systems
- Compatible with most traditional hardware layouts

Hinges

- Standard steel butt hinges
- 3D adjustable hinge systems
- Face fix hinge hinges

Compatible with virtually all standard hardware systems

MANUFACTURING SIZES

Range of standard sizes and trimable options available

PRODUCT WEIGHTS (Nominal)

Product	Leaf	PVC-U Doorset
Solid	30kg	45kg
½ glazed	35kg	50kg

NOTE: Weights shown provide guidance for handling and may vary due to the wide variety of specification options available

STANDARDS

PAS 23-1:1999 & PAS 24-1:1999

General performance requirements for door assemblies & Enhanced security performance requirements for door assemblies

- Door leaves have been tested and passed at a UKAS accredited test house to PAS 23-1:1999 and PAS 24-1:1999
- Copies of test reports available on request
- Must be supplied to specification as tested
- Fully assembled doorsets must be supplied

Secured by Design

- Specification as per PAS 23-1:1999 and PAS 24-1:1999 with additional security:
ALL DOORS:
 - One pane of glass Laminated
 - Locking cylinder to BS EN 1303 - Grade 3, with anti-pick and anti-drill
 - 3-point locking

Building Regs Part M

- Compatible with Part M compliant Thresholds
- Sizes available to provide 775mm clear openings for wheelchair access

Building Regs Part L

Note

When half glazed cassette used the door is still below 50% glass area and as such does not come under this regulation. However the door will still comply.

DOORSET U-VALUE

- Maximum doorset U-value: 2.0 W/m²K (half Glazed layout) (WITHOUT low-e glazing)