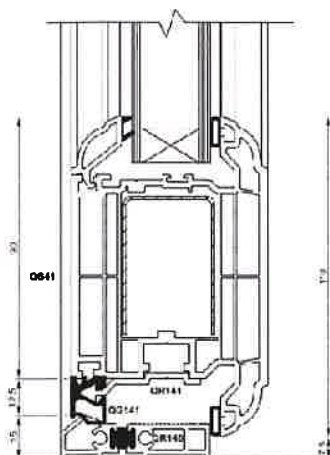


Door Performance Guidance Sheet

This sheet is for guidance and reference only. If in doubt, always refer to the Epwin Group's Technical Department for help and clarification. Please refer to notes below.

Low Threshold Door Options



Maximum door leaf
919mm wide x 2151mm high



QR140

Single & Double Doors (Open-in or Open-out) constructed with QR140 Low Threshold.

Door performance levels:

Air permeability - No classification
Water Tightness - No classification
Wind resistance - 800 Pa

For use in very sheltered weather rated areas only.
Use where water penetration or air leakage may not be a concern.

Typical areas for use:

Internal doors in porches or conservatories.
Doors set back from the exposed faces of buildings.
Doors that are protected by canopies or other features.
Doors to garages or sheds (Buildings where weather performance is not critical)

Single & Double Doors (Open-in or Open-out) constructed with Storm-Guard Range of Low Threshold.



2090

Part M Compliant



2099

2099, 2092, 2100 & 2093 may be Part M Compliant depending upon the design of the structure and floor levels etc.



2092



2091

Part M Compliant



2100



2093

Door performance levels:

Air permeability - 300 Pa
Water Tightness - 100 Pa
Wind resistance - 1200 Pa (Equivalent to wind speeds of 96 mph)

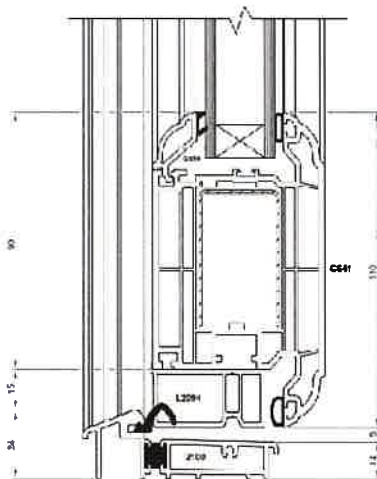
For use in sheltered to moderate weather rated areas.

For use where doors need to be compliant with Building Regulations, Part M.
Low level, easy access door entrance.

BS 6375 - "Performance of Windows & Doors", acknowledges the fact that doors with low threshold may have compromised or weakened weather performance.

Typical areas for use:

Front & rear main entrance doors to domestic properties.
Light use doors in education or office facilities.
* Balcony doors in buildings up to 15m in England & Wales.
* Balcony doors in buildings up to 6m in Scotland & Ireland.
Doors set back from the exposed faces of buildings.
Doors that are protected by canopies or other features.
Doors to garages or sheds.



Maximum door leaf
919mm wide x 2151mm high

* Always contact the Epwin Group Technical Department for advice when fitting doors in high rise developments or doors in very exposed locations, such as coastal areas.

Notes

- It is solely the responsibility of the installer to ensure the correct and adequate installation of all products.
- The installer should ensure that all products are fit for purpose for the environment in which they are installed and the correct level of operational performance is achieved.
- Screen and / or window configuration is at discretion of the fabricator / installer
- The installer is to perform a full site survey to determine all relevant details, these include dimensions, fixing & weathering

All relevant standards, documentations and individual project specifications should be followed fully to insure the adequate installation of any window or door products. Relevant standards & documents may include:-

BS 8213-4 "Code of practice for the survey & installation of windows & external doors"

GGF (Glass & Glazing Federation- The good practice guide for the installation of replacement window & doors

356/2 Code of Practice for the Design and installation of PVC-U Windows and Doorsets in New Domestic Dwellings

All Relevant & current Building Regulations

Epwin Group
WINDOW SYSTEMS DIVISION

Stafford Park 6, Telford, Shropshire, TF3 3AT

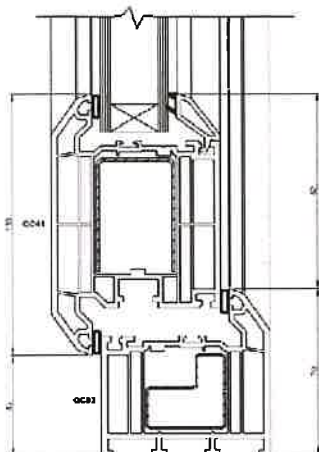
TEL: 01952 283375

www.epwin.co.uk

Door Performance Guidance Sheet

This sheet is for guidance and reference only. If in doubt, always refer to the Epwin Group's Technical Department for help and clarification. Please refer to notes below.

Full Frame Threshold Door Options



Maximum door leaf
977mm wide x 2046mm high

Double Doors (Open-in or Open-out) constructed with Full Frame Threshold.

Door performance levels:

Air permeability - 300 Pa

Water Tightness - 250 Pa

Wind resistance - 1600 Pa (Equivalent to wind speeds of 111 mph)

For use in moderate to exposed weather rated areas only.

Use where water penetration or air leakage may be a concern.

Use where easy access or compliance to Building Regulations is not required.

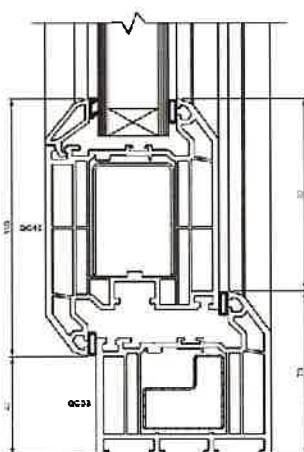
Typical areas for use:

Front & rear main entrance doors to domestic properties.

Light use doors in education or office facilities.

* Balcony doors in buildings up to 25m in England & Wales.

* Balcony doors in buildings up to 15m in Scotland & Ireland.



Maximum door leaf
919mm wide x 2151mm high

Single Doors (Open-in or Open-out) constructed with Full Frame Threshold.

Door performance levels:

Air permeability - 300 Pa

Water Tightness - 200 Pa

Wind resistance - 2000 Pa (Equivalent to wind speeds of 124 mph)

For use in exposed weather rated areas.

Use where water penetration or air leakage may be a concern.

Use where easy access or compliance to Building Regulations is not required.

Typical areas for use:

Front & rear main entrance doors to domestic properties.

Light use doors in education or office facilities.

* Balcony doors in buildings up to 40m in England & Wales.

* Balcony doors in buildings up to 20m in Scotland & Ireland.

* Always contact the Epwin Group Technical Department for advice when fitting doors in high rise developments or doors in very exposed locations, such as coastal areas.

Notes

- It is solely the responsibility of the installer to ensure the correct and adequate installation of all products.
- The installer should ensure that all products are fit for purpose for the environment in which they are installed and the correct level of operational performance is achieved.
- Screen and / or window configuration is at discretion of the fabricator / installer
- The installer is to perform a full site survey to determine all relevant details, these include dimensions, fixing & weathering

All relevant standards, documentations and individual project specifications should be followed fully to insure the adequate installation of any window or door products. Relevant standards & documents may include:-

BS 8213-4 "Code of practice for the survey & installation of windows & external doors"

GGF (Glass & Glazing Federation- The good practice guide for the installation of replacement window & doors

356/2 Code of Practice for the Design and installation of PVC-U Windows and Doorsets in New Domestic Dwellings

All Relevant & current Building Regulations

Epwin Group
WINDOW SYSTEMS DIVISION

Stafford Park 6, Telford, Shropshire, TF3 3AT

TEL: 01952 283375

www.epwin.co.uk