

Introducing the *new*

Capstone SecureDesign™ Door Slab

from ODL Europe



Building Value
Into Building Products



ODL Europe, exclusive partners of Capstone Engineering, are committed to designing and engineering the highest performing GRP Door in the industry today.

With a remit to constantly innovate, we are delighted to introduce our **NEW PAS 24:2016 SecureDesign™ Door Slab**, specifically designed to further enhance the performance of our composite doors to deliver *a truly maintenance free door with even greater performance.*



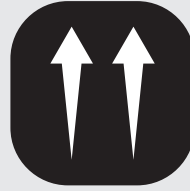
Where **innovation** and **structural integrity** combine

THE BEST GOT BETTER

Our existing patented Capstone LVL slab offers exceptional performance. However, our new SecureDesign™ Door Slab takes this performance to a whole new level of superiority.

Its intelligent design, superb aesthetics and technical excellence gives you a clear competitive advantage.

Key characteristics of the **SecureDesign™** Door Slab



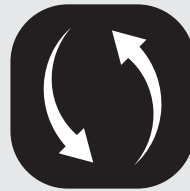
Toughness

Toughness is an engineering term which is defined as a material's ability to deform without breaking.



Recycling Credentials

Polypropylene is classified as a "thermoplastic". A major useful attribute about thermoplastics is that they can be heated to their melt point without degrading. This characteristic makes polypropylene a good material for recycling.



Fatigue Resistance

Polypropylene retains its shape even after torsion, bending and / or flexing.

Available in a wide range of colour options



Advantages of polypropylene

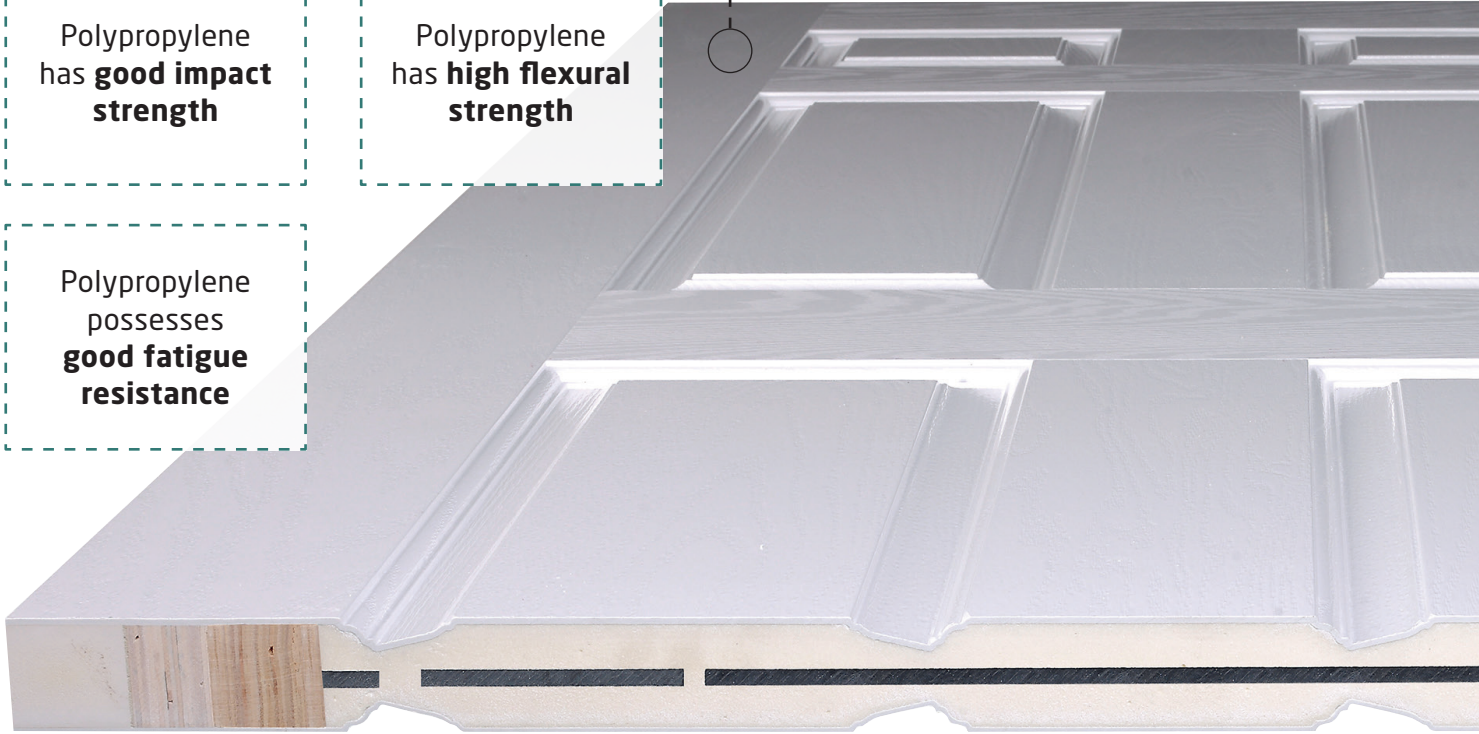
Polypropylene is **very resistant to absorbing moisture**

Polypropylene is **readily available**

Polypropylene has **good impact strength**

Polypropylene has **high flexural strength**

Polypropylene possesses **good fatigue resistance**



Key advantages of the SecureDesign™ Door Slab

Foam Flowability

All Capstone doors have a high-density polyurethane foam core. Flowability of the foam is critical in the performance of a GRP door. Our SecureDesign™ door slab is designed and engineered for the best flowability of our foam. This reduces possible foam voids, bulging and uneven surfaces.

Superb Security

With improved foam flowability, our SecureDesign™ door slabs have been designed to create less areas of vulnerability, which improves the security of our door and also increases the difficulty of cutting through the door.

Product Consistency

Our SecureDesign™ door slabs are injection moulded to the specific design, delivering the same specifications each and every time. This allows consistent performance in every door.

Moisture Control

Our SecureDesign™ door slabs are made with polypropylene, which eliminates water absorption, and will not bulge or rot, even if water intrudes through openings from seal failure of glass and letterplates.

The new **Capstone SecureDesign™ Door Slab** has uncompromising standards of design, build and quality that stand the test of time.

Key advantages

- SecureDesign™ doors slabs are made with polypropylene, which eliminates water absorption.



- SecureDesign™ door slabs have been designed to create fewer areas of vulnerability and deliver superb security.



- The SecureDesign™ door slab is built into the door in such a way that it's an integral part of the door core, rather than 'floating' in the door.



- The SecureDesign™ door slab is similar in weight to LVL and also machines like LVL for consistency of fabrication practices.



The new **Capstone SecureDesign™ Door Slab** delivers on expectations



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Stand Q5