

The first Low Threshold Flood Door to achieve BS Kitemark™ Certification to BS 851188.

Research and Development has always been a cornerstone in the DNA of M3 Floodtec and bringing new products to market that solve long term concerns when flooding occurs is a core function of our business.

One of the historical problems when considering flood protection into a building has been to develop a passive solution for impaired and disabled access, that is also compliant to Part M, section 4, (2) and (3) of the UK building code.



Composite & UPVC doors shown during wave test



Low threshold demonstrated using a wheelchair



Composite & UPVC doors shown in BSI approved test facility undergoing test

Over the past 2 years M3's R&D unit have been developing a flood protection low threshold door in Composite and UPVC both inward and outward openings and have now achieved Kitemark™ Certification to BS851188-part1 2021, which is the first fully tested Low threshold flood door to achieve this standard in the world.

The new Defender range of Low Threshold flood doors with UK Patent Application No. 2210123.2 are now offered across the product portfolio as BS Kitemark™ Certified flood doors using any of the current composite and UPVC door slabs, at a cost that is not only affordable, but as a passive solution, once the door is closed the permanent flood protection is in place.