

STUDIO LAMEEK

INNOVATION AND DESIGN



LAMEEKEEP™ MODULAR FLOOD BARRIER SYSTEM



The LAMEEKEEP™ Modular Flood Barrier System is designed to provide a high quality, well engineered and heavy duty, flood protection product that can be rapidly deployed and consists of a permanently installed stainless steel wet-sump enclosure with hinged horizontal top panels secured against unauthorised access with a dust-resistant locking device, the sump enclosure housing a high-performance epdm membrane fitted with watertight side zips, with hi-tech bonded and double-sewn joints for long-term security, which can be quickly deployed when the barrier is activated and being clamped and sealed to the lower edge of the casing, the open barrier panels being pressed against vertical edge seals located in lockable cassettes, the cassettes providing protection against damage and/or interference with the seals when not in the active position, the barrier panels having a specially developed and independently tested and certified non-slip pattern, using [LAMEEKAM™](#) art metal technology, the pattern being in the form of a company logo, or other distinctive device or customised graphic, either as a raised pattern (appliqué) or as an imprinted pattern (reversé), the patterns being available in a standard grey RAL 7005 and a wide range of alternative colours, the barrier being available in three standard flood depths of 500 mm, 700 mm and 900 mm, custom-designed assemblies being available for barriers exceeding 900 mm subject to verification of the stability and structural strength of the surrounding building structure and the ability to resist the increased hydraulic pressure from floodwater, it being recommended that all structures are similarly checked for stability as part of a survey to identify secondary paths for the potential ingress of floodwater including, but not exclusively, side and rear doors, air-bricks, drains, structural cracks, and porous wall and/or floor constructions, the installed barrier in conjunction with measures to prevent ingress by secondary paths being intended to prevent entry of contaminated floodwater and debris and to limit seepage through the barrier to a zero target and at worst a flowrate not exceeding 5-10 litres/hour, a seepage rate which can easily be controlled by manual means.

[Download test data sheet](#)

[LAMEEKEEP™ Web Site](#)