



Property Flood Resilience

What's It All About?





Property Flood Resilience (PFR)

- · WHAT is it?
- · WHY do it?
- WHEN is it appropriate?
- · WHERE can it be done?
- · HOW?





WHAT is PFR?

"includes measures that reduce the risk to people and property, enabling households and businesses to reduce the damage caused by floods and speed up recovery and reoccupation"





WHAT is PFR?

- Resistance measures: KEEP IT OUT!
 - Physical barrier between flood water and the building or services
 - Flood barriers, flood doors, flood gates, non-return valves, self-closing airbricks, sump-pumps, portable pumps....

- Resilient adaptation (recoverability): LET IT IN, AND RECOVER
 - Adapting the internal property to limit damage if water does enter
 - Allowing the clean-up and repair process to occur quickly, improving the recovery process

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WHAT is PFR?











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- More than just products!
- · Being prepared:
 - Having a plan: trigger, storage, maintenance, deployment
 - Understanding the plan

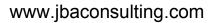


plan



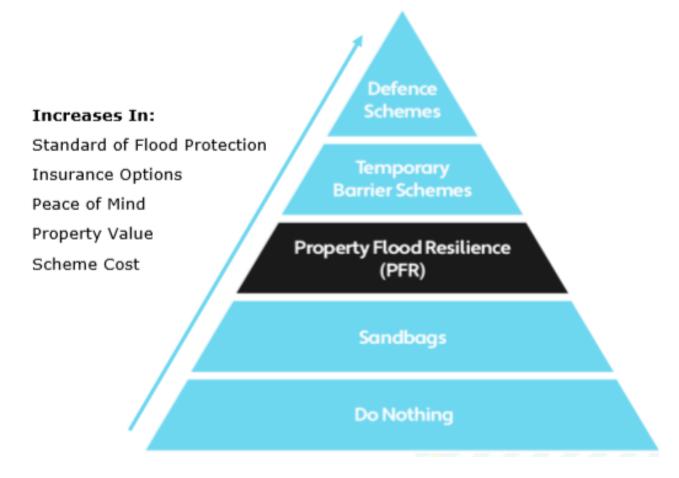














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WHY do PFR?



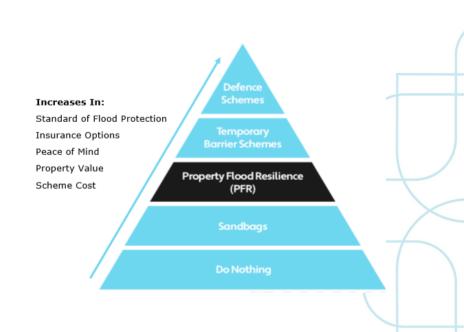






WHEN is it appropriate?

- Must consider all other options, including NFM
- Wider defence scheme not technically or financially viable
- · County / district wide
- Smaller number of properties at risk in a community
- · Post-flood







Considerations:

- Listed buildings / conservation area
- Depth and duration
- Construction
- Ingress routes
- •

Assessment of:

- Person
- Property
- Flood risk







- Lot 1 independent flood risk assessors / surveyors
- Lot 2 product supply and installation

· Standards:

- Code of Practice
- BS Standards
- Householder guidance
- Certification and accreditation
- Training for organisations
- Flood certificates











