

# A Quick Introduction to Property Flood Resilience PFR

And the South West PFR Pathfinder

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Department  
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# What is Property Flood Resilience (PFR)

**Protection Measures:** Reduce the amount of flood water entering a property, reducing the damage caused internally.



Flood Barriers



Flood Doors



Flood Gates



Portable Pumps



Non-Return Valves



Tanking



Self-Closing Airbricks



Air Vent Protection



Sump Pumps



Silicone Sealing



Re-Pointing



Waterproof Spray

# What is Property Flood Resilience (PFR)

**Adaptation Measures:** Reduce the amount of damage caused by flood water if it does enter the building.

## Flood Resilient Walls

The use of water resilient products, materials and paints on walls can reduce the severity of internal damage. Plasterboard can also be installed horizontally, so only the lowest sections are affected if flooding occurs.

## Water Resilient Flooring

Suspended timber floors, which are more susceptible to damage, can be replaced with solid concrete floors.  
Tiled floors and skirting boards are also easier to clean compared to carpet and laminate which usually need replacing after a flood event.

## Electrics

Electrics for the ground floor can be separated from other floors so power can be turned off in isolation. Wiring and plug sockets can be raised up above floor level to improve resilience.

## Boilers

Boilers can be relocated to a place where flood risk is reduced. For example, boilers could be wall mounted above the flood level or re-installed on the first floor rather than the ground floor. This will reduce the risk of the boiler being damaged during a flood event.

## Flood Resilient Design

Rooms in the home can be designed and constructed using flood resilient materials and appliances can be fitted in a way that minimises the risk of flood damage. For example, a kitchen is a great location where resilient design can be embraced:

- Cupboards constructed from stainless steel or other resilient materials
- Use of wall mounted cupboards
- Removable kickboards
- Appliances such as ovens can be installed above flood level.

These same principles can be carried throughout to other rooms in the property.

## Personal or Valuable items

The storage of valuable or personal items should be carefully considered throughout the ground floor. Can items be stored on the first floor away from danger or on shelves or bookcases above the flood level?

# Why use PFR?

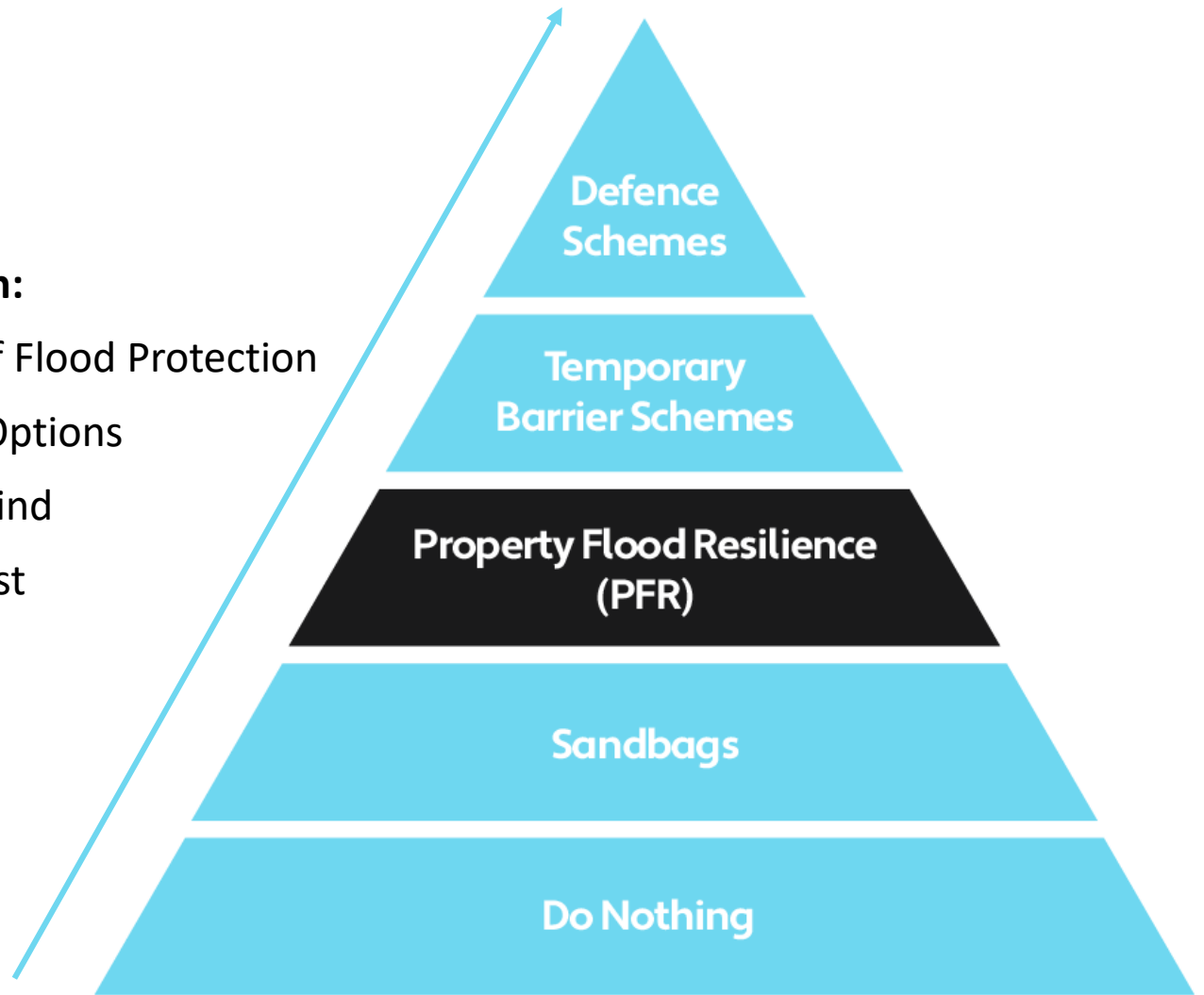
## Increases In:

Standard of Flood Protection

Insurance Options

Peace of Mind

Scheme Cost



# What is the South West PFR Pathfinder?

- Raise awareness of PFR
- Increase the uptake of PFR
- Highlighting the benefits to individuals, communities and business owners at flood risk
- Focussed on Devon, Cornwall and the Ilse of Scilly
- Funded by Defra
- Supported by the Environment Agency
- Project split into several work packages

Baseline

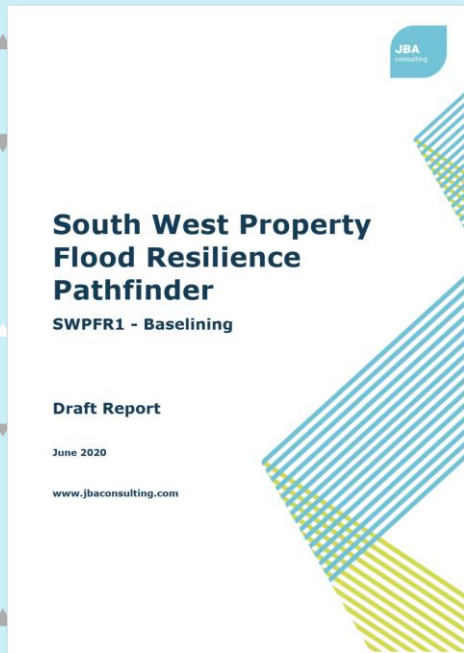
Awareness Raising

PFR Framework

Industry Engagement

Tools

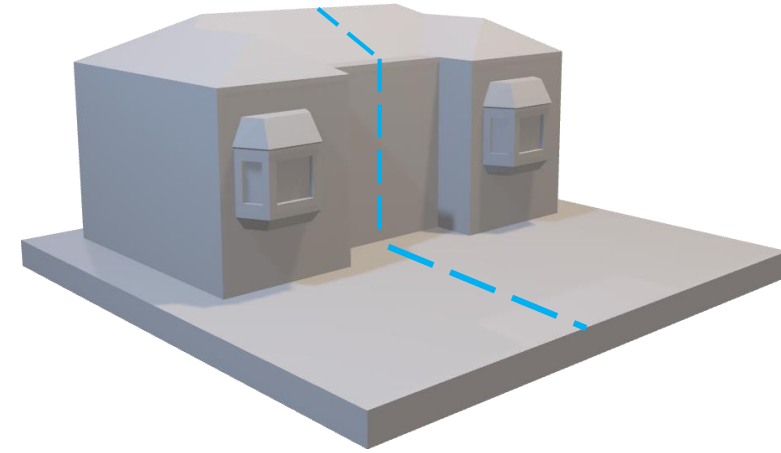
Demonstration Site



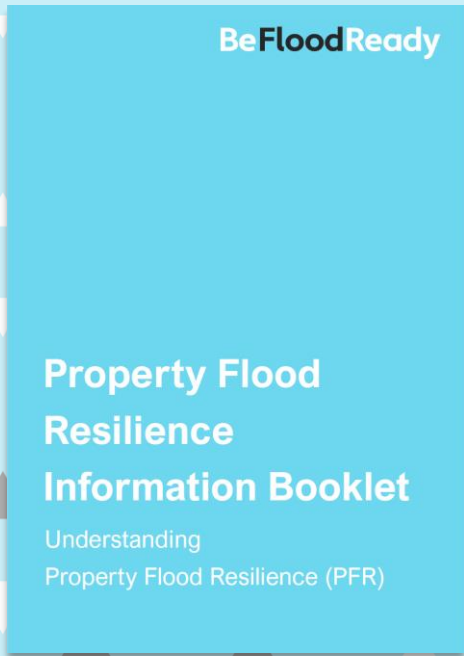
[www.befloodready.uk](http://www.befloodready.uk)



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A decorative light blue area on the left side of the slide, featuring a pattern of small, light blue triangles pointing in various directions. The area has a torn-paper-like edge on its right side.

## To find out more

- Head to our website: **BeFloodReady.uk**
- Follow us on Twitter: **@BeFloodReady**
- Ask us a question!

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