

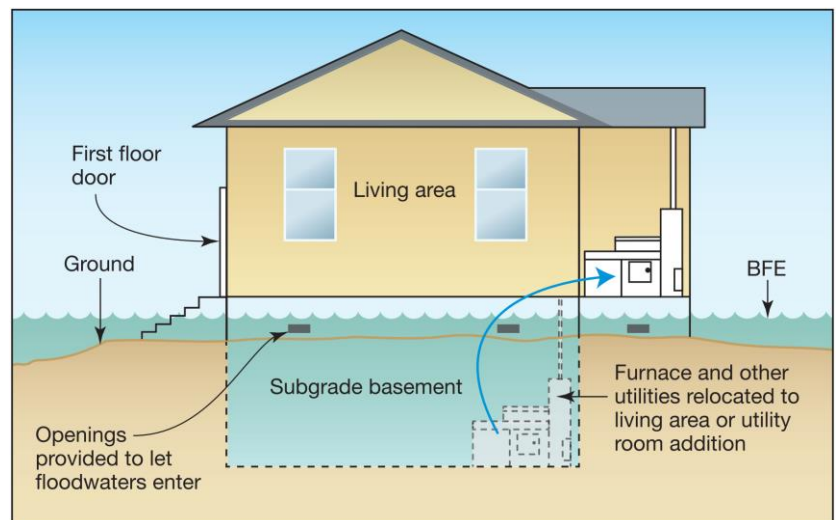


Flood Mitigation - Wet Floodproofing

If it is inevitable that water will enter your home during a flood, then wet floodproofing is the best method to mitigate damage. Base flood elevation is the elevation to which floodwater is expected to rise during the base flood, and wet floodproofing should be implemented above your home's BFE.¹ Wet floodproofing works best when the home is anchored to the foundation. It is always for water to enter and exit the structure without causing significant damage.

Examples of Wet Floodproofing

- Installing flood vents or permanent openings to allow water to flow in and out
- Electrical and mechanical utilities should be kept in high places or on upper floors
 - They can be put on platforms if they need to be kept in a certain area of the home
 - Small floodwalls can be built²
- Fuel and propane tanks should be anchored and elevated
- Use water resistant paints to avoid major interior damage
- In the rooms at or below BFE, having light furniture can make it easier to move things if it needs to be done quickly
- Install washable closed-cell foam insulation in the building's walls



¹ Vermont Department of Housing and Community Development. 2021. "Wet and Dry Floodproofing for Business." Retrieved Feb 25, 2021.

<https://accd.vermont.gov/sites/accdnew/files/documents/CD/CPR/CPR-VERI-Toolkit-Floodproofing.pdf>

² American Red Cross and FEMA. 1992. "Repairing Your Flooded Home." Retrieved Feb 26, 2021.

<http://www.nzdl.org/cgi-bin/library?e=d-00000-00---off-0aedl--00-0---0-10-0---0---0direct-10---4-----0-1|--11-en-50---20-about---00-0-1-00-0-0-11-1-0utfZz-8-00&cl=CL3.15&d=HASH0186de4b142415d07ae9c015.11.3>=1>

Allowing your home to take on water can be a hard decision to make, but doing so reduces internal and external pressure from the floodwater that can lead to major structural damage. Wet floodproofing is usually cheaper than dry floodproofing because there is little construction that needs to be done before and after flooding.³ Being prepared for natural disasters can alleviate stress when they come, you would know you were prepared and did what you could to protect your property.

³ A Better City. 2021. "*Floodproofing*." Retrieved Feb 26, 2021.
<https://challenge.abettercity.org/toolkits/climate-resilience-toolkits/flooding-and-sea-level-rise/floodproofing?toolkit=220>