

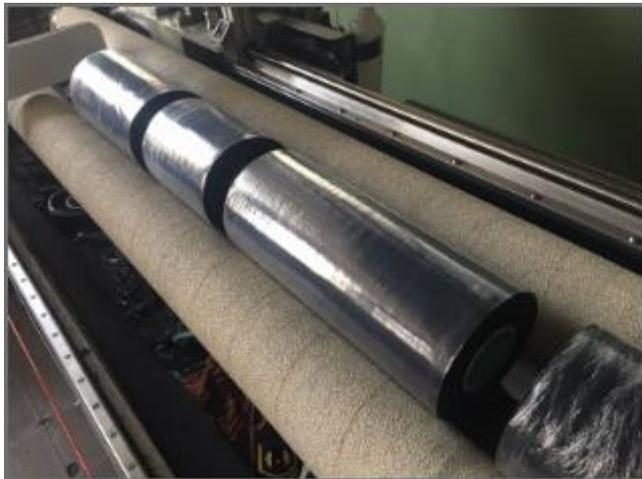


**Permaroof**UK<sup>®</sup>  
*The Permanent Roof People* Limited

## **Ten Things to Know About Facade Waterproofing**

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## Ten Things to Know About Façade Waterproofing



Façade waterproofing helps protect domestic and commercial buildings from the threat of water ingress, which can be one of the most damaging natural occurrences to attack property.

It doesn't have to be heavy rain to affect a building in one hit. If moisture permeates a property's envelope over time, it can sometimes be barely noticeable until mildew or mould begin to appear on the inside, when it is often too late. Seeping moisture that is left to accumulate can result in a compromise of the building integrity and expensive repair work.

Façade waterproofing provides an effective mechanism for the prevention of moisture seepage and strengthens resistance to water infiltration.

### **What is the best material for façade waterproofing?**

One of the most effective materials to use for façade waterproofing is EPDM. EPDM rubber membrane can be applied in strips around the entire property using a cold-applied technique.

Once applied correctly, EPDM delivers superior waterproofing qualities and has an impressive life expectancy of 30-50 years. This makes it ideal for the long-term project on both commercial and domestic property.

## What you need to know about façade waterproofing?

We've put together a list of ten things about façade waterproofing that homeowners and commercial property managers need to know – let's take a closer look:

### 1. Engage a professional company

It is important to ensure that the installer of your façade waterproofing knows what they are doing.



Waterproofing external walls is a complex task, as every building will have its own specifications.

***Permaroof UK Ltd offer specialist services to give the best advice about your façade waterproofing.***



### 1. Select the right materials

To ensure long-term waterproofing, it is critical to make sure that the materials are of good quality.

The ideal façade materials will also need to provide the waterproofing you require according to your geographic location and the orientation of the building.

***EPDM façade solutions offer a long-term solution with an expected lifespan of 30-50 years.***



## 2. Consider energy consumption

With the correct façade waterproofing system, installed where it needs to be installed, buildings can become more energy efficient.

***Talk to Permaroof UK Ltd about a comprehensive approach to your waterproofing.***

## 3. Thermal insulation

Consider vented, or ventilated facades for increasing the thermal insulation properties of the building. This can also contribute to a reduction of energy cost, lower maintenance and is considered an environmentally-friendly option.

***EPDM is an environmentally-friendly solution for façade waterproofing, manufactured from synthetic rubber compounds and with superior UV and thermal insulating properties.***

## 4. Reducing humidity

Façade waterproofing reduces the effects of humidity in domestic buildings. Humidity can lead to extensive damage in wood structures and can erode concrete.



***EPDM is suitable for application over a wide range of materials.***

## 5. Cold application

Using an EPDM façade waterproofing material means that the application process is much faster, reducing the labour cost of installation. EPDM is also suitable for heat sealing if required.

***EPDM can be applied using cold, water-based adhesives***



## 6. External facades around windows and doors

Adding external facades around windows is also a valuable installation, as materials such as EPDM effectively seal the window to give a better chance of eliminating

moisture seepage.

***Talk to Permaroof about creating an effective seal around external windows and doors.***

## 7. Consider UV resistance and temperatures

EPDM membrane is resistant to UV radiation and is temperature stable, which means it can be installed in many geographic locations, even when faced with extreme temperature fluctuations. (stable from -45 to 130 °C).

***EPDM membrane has been used all over the world in a range of different climates.***

## 8. Basement tanking

To ensure an effective water barrier is in place for the entire property, don't forget about the basement, which can be notorious for enticing damp, mildew and mould.



UK cellar spaces and internal coal bunkers are often overlooked. Some of the smallest spaces can be the cause of issues that affect other areas of the building.

***Ensure the prevention of mildew and mould build up with EPDM façade waterproofing solutions.***

## 9. Curtain walls

Even if these are temporary structures, they should not be overlooked.

In fact, temporary structures, such as modular buildings with curtain walls of aluminium or thin stone panels, need façade waterproofing as much, if not more, as permanent buildings.



***Permaroof's Specialist Services division offers professional advice about the provision of façade waterproofing in modular and other temporary structures.***

Talk to Permaroof, the UK's leading provider of EPDM façade waterproofing solutions. Let us help you to ensure effective waterproofing for permanent and temporary buildings, windows, doors and curtain walled property.

**To find out more, please visit the Façade Waterproofing page at:**

<http://www.permarroof.co.uk/facade-epdm-waterproofing>

**Or review our Specialist Services page today at:**

<http://www.permarroof.co.uk/specialist-services-division>

**Download more EPDM resources, tutorials and video guides at:**

<http://www.diy-flat-roof.com/flat-rubber-roofing-installation-guides/>