

EPDM (Rubber Roof) Information

An EPDM rubber roofing system offers the following core benefits:

- **A 'PROVEN' 50-year life expectancy**
- **A 20-year guarantee (if installed by accredited installers)**
- **One-piece installation**
- **Leak free**
- **No maintenance = no worries**
- **Lasts up to 3-4 times longer than standard felt roofs.**
- Permanently flexible
- Highly resistant to UV and infrared light
- Highly resistant to acids from rainwater
- Environmentally friendly
- No shrinkage or dimensional changes over a temperature range from -40 to +120 degrees centigrade

What are some of the typical applications of EPDM?:

- Flat roof extensions
- Garage roofs
- Gutter linings
- Balcony floors
- Shed roofs

What does EPDM protect against?:

- Extreme weather cycles
- Changing climates
- Protection from the acids found in rainwater and;
- Constant exposure to direct UV

How is EPDM different to a traditional felt roof?

A traditional felt roof is supplied in strips and joined together. On a pitched roof the felt is overlaid so that any rainwater runs off the roof. However, when it is laid on a flat roof, water collects, pools, and begins to break down the felt, and subsequently that wooded boarding underneath. The natural next step in this process is that leaks will start to occur.

EPDM is a specially designed alternative flat roof material and because it is installed in one piece, with no overlaps, rainwater is unable to reach beneath its surface. As EPDM is also a breathable material, it allows any vapour to escape and repels moisture - this prevents the well-known 'blistering' effect on the roof. EPDM also does not suffer from cracking or grazing sustained with age as it is resistant to both UV (Ultraviolet light) and IR (Infrared light) light.

What is the life expectancy of EPDM rubber roofing materials?:

Due to its level of durability, the EPDM flat roofing materials we install boast an incredible life expectancy in excess of 50 years. To date, the longest lasting rubber roof is 55 years old and is still alive and kicking! Given its 'proven' long life expectancy, it makes it a far more cost effective and efficient roofing solution than some of the alternatives available.

It is also an environmentally friendly product in that when it has finished its journey as a roofing solution, it can be recycled and is commonly used in such places as children's playgrounds or used as fuel.