



**FLEXIBLE ROOF FLASHING AND ALL PURPOSE REPAIR TAPE**  
**FREQUENTLY ASKED QUESTIONS**

**Smartform Summary**

Smartform lead free flashing has a creped aluminium top sheet that enables it to stretch up to 60% along its length and it can be installed on 3 dimensional profiles. This unique design gives Smartform unsurpassed performance to flash over extreme roof profiles while maintaining its watertight seal to the roof surface.

The 100% butyl adhesive backing ensures a neatly sealed flashing between the wall and the roof so no water can seep underneath it. Smartform is just as suitable for metal and polycarbonate roof structures as it is on tiled surfaces, making it perfect for additions such as veranda roofs and carports. Due to its lightweight design and easy installation Smartform is perfect for retrospective flashing repairs and roof maintenance and can be installed in half the time as traditional flashing materials.

Smartform is so versatile it can even be dressed 360° around roof penetrations such as pipes and vents, and because there are no compatibility problems, Smartform is great for lining box gutters and carrying out repair work on any metal or PVC roofing components.

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**Q: Where can I buy Smartform from? –**

**A:** You can use our “Where To Buy” function on the Evo Build website at the following location: <https://evobuild.com.au/where-to-buy/> to find a stockist near to you.

The following locations may carry stock of Smartform:

NSW	VIC	WA	QLD	ACT
				
				
				
				
				

## Q: What are the benefits of Smartform?

**A:**

- High Stretch – Creped aluminium composite top sheet stretched up to 60% in length.
- Adhesive – High quality 100% butyl self-adhesive backing.
- CSIRO Tested – Tested by CSIRO complies with AS/NZS 2904:1995 'Damp proof courses and flashings'.
- Non-Toxic – Made from aluminium and butyl, safe for installers & environment.
- Lightweight – 2.5kg for a 300mm roll, making it easy to move and install.
- Quick to install – Rapidly installed water-tight solution in full 5 metre lengths.
- UV resistant, highly durable with an immaculate finish.
- Watertight joins – Butyl joining provides an instant waterproof seal.

## Q: What is Smartform suitable for use on?

**A:**

- Interior and exterior flashing.
- Roof penetration flashing.
- Veranda and Carports.
- Wall connections, dormers and chimney abutments.
- Corners of sky lights.
- Flashing repairs and maintenance.



## Q: Is Smartform cheaper than lead flashing?

**A:** Smartform is considerably cheaper than lead flashing per lineal metre. All of our flashings come in a 5 metre rolls. Lead is usually comes in 3 metre rolls. On average Smartform is \$130 for a 300mm x 5m roll and lead is \$155 for a 300mm x 3m Roll at trade prices.

## Q: Can you use Smartform to fix existing faulty/leaking lead flashing?

**A:** Yes the easiest way is to lift up your existing lead and install Smartform directly underneath it, you can install the Smartform in full 5 metre lengths. Then dress down the existing lead over the Smartform as an over-flashing. You can trim the existing lead back if you want a smaller over-flashing. If you completely remove the lead you will need to chase the Smartform back into brickwork, use an over-flashing of some kind or go underneath the fascia.

## Q: Where can Smartform be installed?

**A:** Smartform can be installed in any situation where traditional lead flashing is installed. Abutments, Dutch Gables, Step-Flashings & Chimneys, Sky Lights, Penetration flashings. Smartform can also be used to line normal and box gutters. Smartform can also be used to flash HVAC installations, and is suitable for the maintenance of existing flashings. Smartform can be used to go over tile, metal or polycarbonate roofing sheets with leakage problems.

The pitch of the roof that Smartform is installed on must be at least 12 degrees.



## Q: Can Silicone & Sikaflex be used on Smartform?

**A:** Generally no extra materials are required to install Smartform, if you do need to use anything though, we recommend Sikaflex Pro should be used with Smartform. Roofer's silicone is not recommended. Sikaflex should not be used between the butyl and the roofing material.

## Q: Can Smartform be installed on corrugated roof profiles?

**A:** Yes Smartform is compatible with metal & polycarbonate roofing materials and can be easily stretched to provide a tight fit on corrugated profiles and other extreme profiles of metal and polycarbonate roof profiles. Smartform is inert so can be used with any type of roofing materials.

## Q: Do you need any specialist tools to install Smartform?

**A:** No tools are required, Smartform can be installed and dressed down by hand. The easy way to dress Smartform is by using both thumbs. How much you dress the main body of Smartform to the roof profile is up to the installer, however, the butyl adhesive must be dressed down to the roof to create adhesion and a watertight seal. Smartform can stretch up to 60% in length so it can be dressed around 360 degrees, but it doesn't have to be stretched when installed. A wooden roller can be used to help compress the flashing into the roof, but a lead dresser must not be used.

## Q: Can Smartform be used as Dampcourse?

**A:** Yes Smartform is fully tested to AS/NZS 2904:1995 Damp Proof Course & Flashings.

**Q: Can Smartform be painted?**

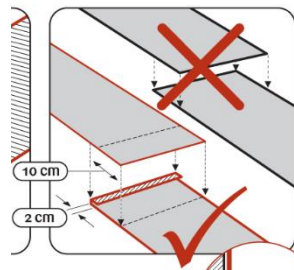
**A:** Yes an outdoor acrylic water based paint should be used such as Wattyl Solaguard or Dulux Weather Shield.

**Q: Can Smartform be installed if you have a water tank for potable water?**

**A:** Smartform is non-toxic but it's not currently tested to AS/NZS 4020:2005: Products in contact with drinking water. If you wish to collect drinking water from your roof for drinking Dakaflex should be installed as it complies with AS/NZS 4020:2005.

**Q: How do I install Smartform?**

**A:** In the same way as you would install lead flashing. Smartform is installed horizontally for abutments, gables and pitches roofs where there is a fascia or cladding on the second storey level. If Smartform is to be installed on a pitched roof on a brick second storey then it must be built in as Step-Flashing or it can be chased into the brickwork or it can be mechanically over-flashed with a thin strip of metal. Please check your local building codes. All local builders & plumbers should understand how it should be installed. Smartform should be installed on a roof with at least a 12 degree pitch.



**Q: How is the installation of Smartform different from lead?**

**A:** Smartform can be installed in full 5m lengths whereas Lead (20kg for external flashings) must be installed in sheets no longer than 1.5m with 150mm over-lap when joining sheets. Smartform only requires a 50mm butyl to butyl joint which forms a watertight seal. 20kg lead flashing is very heavy and difficult to move around the roof but Smartform is very light, it's only 2.5kg for a 300mm x 5m roll so it's much easier to install. Smartform is also available in 3 colours, Grey, Black and Terracotta. Please see colour and size chart below.

Colour/Width	200mm	300mm	450mm
Lead Grey	●	●	●
Black	●	●	●
Terracotta	●	●	●

### **Q: Can Smartform just be stuck up against the brickwork, rendered wall or facia?**

**A:** No. Smartform must always be **built in, chased in or mechanically over-flashed** to ensure the warranty is valid. A mechanical over-flashing such as a metal strip can be used in some instances. Please check with your local building codes. Smartform is not covered by the warranty if it's just adhered to external brickwork or facia.

### **Q: Can Smartform be used on Metal & Polycarbonate roofs?**

**A:** Yes. Smartform does not react with any metal or plastic roofing materials. Although Smartform is designed to replace lead flashing on tiled roofs it can also be used to metal & polycarbonate, however it must still be built-in, chased-in or over-flashed. Smartform can be placed onto an open patch of metal roof as a patch but it is not covered by the warranty in this application.

### **Q: Can Smartform be installed on a property prone to bushfire?**

**A:** Smartform has not currently been tested to a Bushfire Attach Level (BAL). Therefore Wakaflex is recommended for fire prone areas as it has been tested to BAL29, which means it can be installed on properties in areas categorised BAL29 and below as long as the installation follows CSIRO's recommendations, which is the correct installation with no air space behind the Wakaflex flashing.

### **Q: Where is Smartform made and how long has it been available in Australia?**

**A:** Smartform is made in Germany, Europe and has been available for over 10 years.

### **Q: How long is Smartform warranty for?**

**A:** Smartform comes with a 10 years warranty as long as it's installed according to the installation instructions. The warranty does not cover incorrect installation, accidental damage or an instance of uncontrollable natural forces.



## Q: What is Smartform made of and what's are its properties?

**A:** Smartform is a creped Aluminium top sheet with a 100% butyl adhesive backing. It has a 2 part protective silicone backing paper to keep it clean until installation. Smartform has good chemical stability and is, resistant to heat, ozone, acid and is UV resistant. It's also extremely weather resistance as its air & water vapour impermeable. The creped sheet allows Smartform to be stretched up to 60% along the length of the roll, meaning it can create a watertight profile around extreme roof profiles and even flash around 360 degrees such as penetration pipes.

## Q: What are the key Facts about Smartform?

**A:**

- It can stretch up to 60% in length.
- It has a creped Aluminium top sheet.
- It has a 100% butyl adhesive backing.
- It can be installed on bull noses & curved roofs.
- It can be dressed down onto 3 dimensional profiles.
- It is suitable for skylights, roof vents, heating & cooling units, and any normal penetration.
- It is completely **non-toxic**.
- It can be installed on tile, metal, polycarbonate & slate roofs.
- It does not react with other metals (completely inert).
- It can be installed in complete 5 metre lengths.
- It can be joined by over-lapping by 100mm with the underlying roll turned up by 20cm.
- It comes in 200mm, 300mm & 450mm widths all in 5 metre length rolls.
- Available in Black, Grey & Terracotta colour.
- SMARTFORM is completely watertight & airtight.
- SMARTFORM has a 10 year Warranty.