

# GREENWELD

*The world's most sustainable lead replacement  
with the look and feel of traditional lead*



**EASY  
TO APPLY**



**LIGHTWEIGHT**



**EXTREMELY  
STRONG**



**CIRCULAR**



**NON-TOXIC**

# WHAT IS GREENWELD?

GreenWeld is the world's first lead replacement with the same look and feel of traditional lead. GreenWeld has no harmful effects on people's health or the environment. A second generation lead replacement that's very easy to use, GreenWeld is applied in exactly the same way as lead and is equivalent to lead code 5.

## **MORE SUSTAINABLE THAN LEAD**

GreenWeld has the look and feel of traditional lead, but is 31% more sustainable.

## **LONG ROLL LENGTHS**

GreenWeld is available in longer strips, so you can seal larger areas with less overlap, saving you time and materials.

## **FEW ACCESSORIES NEEDED**

GreenWeld is easy to apply. Use a pair of scissors to cut the product to size, a roller and a lead dresser to mould it and fixing clips to fix GreenWeld to masonry joints quickly and easily.

## **PRIZE-WINNING PRODUCT**

GreenWeld has won multiple awards for its circular and sustainable features.



## **EASY TO APPLY, EXTREMELY STRONG**

GreenWeld can be applied easily and quickly. It can be heat welded to itself or sealed using the GreenWeld adhesive.



## **LIGHTWEIGHT, BETTER FOR YOUR BACK**

GreenWeld is very thin and light, yet just as strong as lead. It weighs .79 lbs/sq ft, which is 75% lighter than code 5 lead.



## **WEATHER RESISTANT IN EXTREME CONDITIONS**

GreenWeld is not heavy metal, so temperature changes have less effect on the product.



## **BETTER PROTECTED AGAINST THEFT**

GreenWeld has no scrap value, which means it's less likely to be stolen than lead.



## **NON-TOXIC AND BETTER FOR THE ENVIRONMENT**

GreenWeld is not harmful for people and planet.



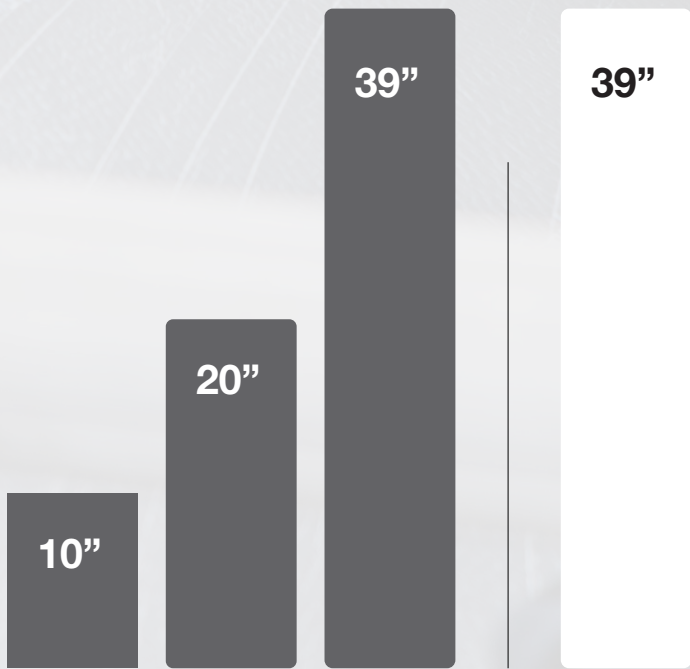
## **CIRCULAR WATERPROOFING MATERIAL**

The raw material of GreenWeld is r-PVB, the safety foil in windshields. The product can be recycled and reused after its lifetime.

**GREENWELD**



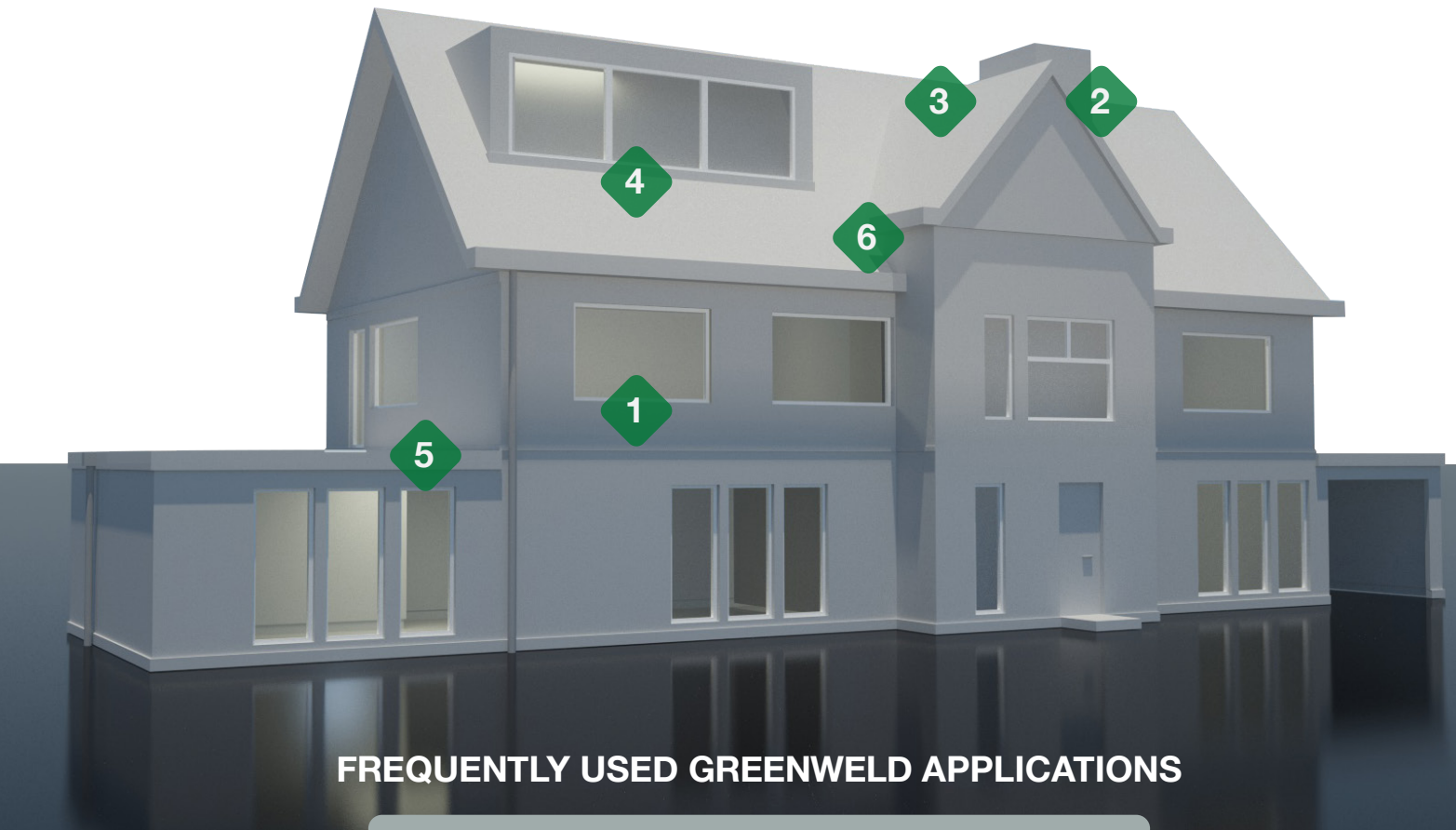
### Roll Dimensions



Lead Gray

White

**GREENWELD**



## FREQUENTLY USED GREENWELD APPLICATIONS

1

### WALLS AND CASINGS

GreenWeld can be used as a water barrier in (cavity) walls and under casings.

2

### CHIMNEY

GreenWeld can be used at the intersection between chimney bases and roof tiles.

3

### STEP FLASHING

GreenWeld can be used at chimney flashings to provide a water barrier.

4

### DORMER

GreenWeld can be applied to the base of dormers and skylights as a waterproofing layer at the joint between dormer side walls and tiled roofs.

5

### EXTENSION

As a watertight connection between an outside wall and an extension.

6

### VALLEY AND RIDGES

GreenWeld can be used as valley gutters and waterproofing on the ridges of (tiled) roofs.



## APPLICATION INSTRUCTIONS

**For Cold Applications:** GreenWeld A/S is the approved adhesive/sealant for cold system application. Use GreenWeld A/S to adhere the membrane to the modified, single-ply or metal surface and seal the membrane at edges or any heat-welded joints.

**For Hot Applications:** Hot asphalt cannot be used to install GreenWeld, however GreenWeld can be installed over a hot applied system using GreenWeld A/S or as a drain flashing using cold adhesive.

**Application Equipment:** Tools required for GreenWeld PVB may include:

- Suitable trowel for applying adhesive to flashing details
- Roofer's knife with hooked blade for cutting material
- Weighted roller
- Handheld hot air welder
- Sealant gun
- Seam probing tool to check for small voids

**General Performance & Installation Benefits:** Independent tests show that GreenWeld has the same waterproofing properties as traditional lead and liquid flashing used to seal roof penetrations. Because it is flexible even at very low temperatures (down to -4°F), GreenWeld can be installed in extreme conditions without trouble. This material is also very easy to heat-weld, which means attractive, strong, watertight seams.

- Use the 2"x2" grid printed on the release liner to make cutting more efficient
- GreenWeld can be used in any climate where temperatures range from -58°F (14.4°C) to 212°F (100°C), however, see GreenWeld A/S data sheet for limitation on temperature when using sealant
- Long lengths of GreenWeld can be installed without any problems—the maximum length is the length of the roll with a minimum overlap of 2"
- Overlaps can be hot air welded – the recommended welding temperatures is 660°F to 750°F (348.8°C to 398.8°C)
- Use a hand roller to press down the welding seam
- Use GreenWeld A/S for overlaps in masonry (4" minimum)
- In places and areas that are frequently exposed to wind, GreenWeld A/S should be used to fully secure the membrane
- When molded or used as facing material, it is recommended that the membrane be secured with GreenWeld A/S
- Ensure the base material is dry and clean prior to application
- Before removing release liner, use a hand roller to mold the membrane into the intended shape
- Remove the release liner on the adhesive side of the product and press into place; use the hand roller to ensure maximum contact between the membrane and substrate
- Once complete, remove the release liner from the membrane top surface

**GREENWELD**

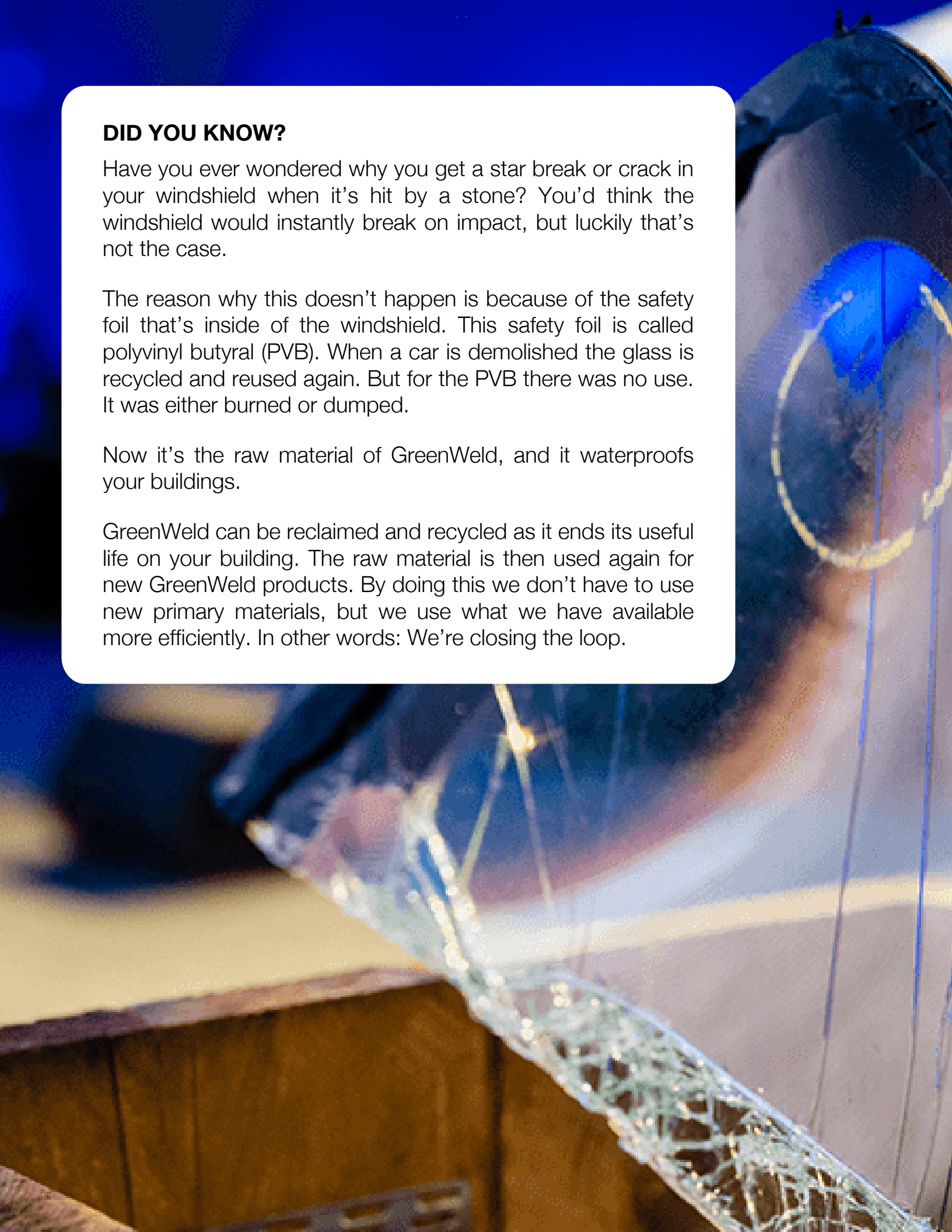
## **DID YOU KNOW?**

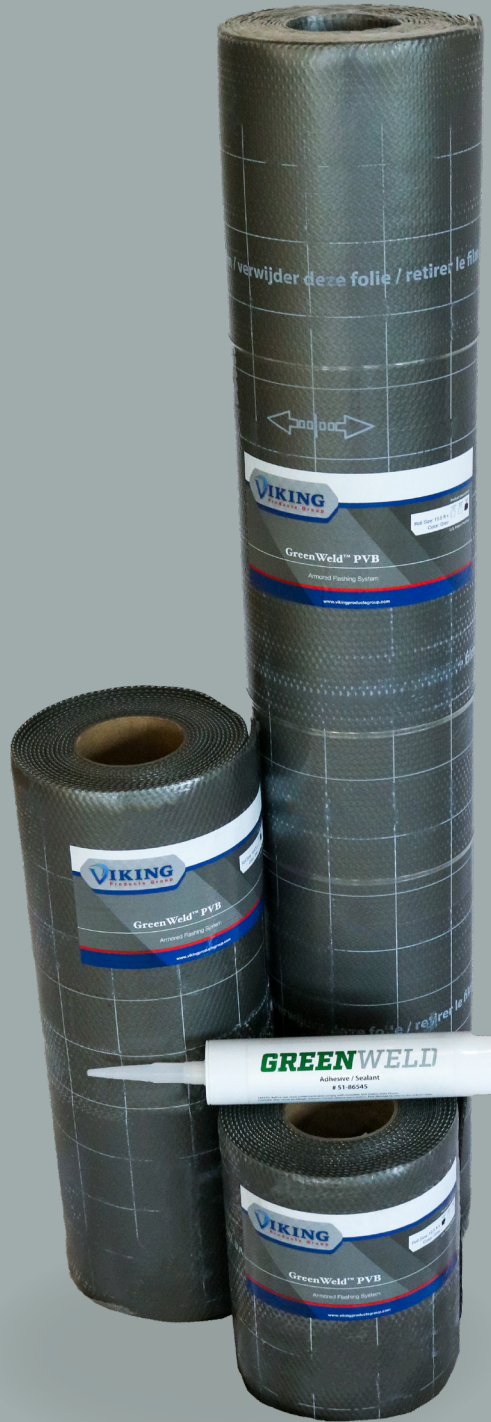
Have you ever wondered why you get a star break or crack in your windshield when it's hit by a stone? You'd think the windshield would instantly break on impact, but luckily that's not the case.

The reason why this doesn't happen is because of the safety foil that's inside of the windshield. This safety foil is called polyvinyl butyral (PVB). When a car is demolished the glass is recycled and reused again. But for the PVB there was no use. It was either burned or dumped.

Now it's the raw material of GreenWeld, and it waterproofs your buildings.

GreenWeld can be reclaimed and recycled as it ends its useful life on your building. The raw material is then used again for new GreenWeld products. By doing this we don't have to use new primary materials, but we use what we have available more efficiently. In other words: We're closing the loop.





## Contact information

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