2. EPDM Systems

created by Castelein Sealants

2.a EPDM production possibilities

Our certified EPDM offers many advantages (high UV-resistance, durability, water- and airtightness) and is being used in an ever-increasing number of ways.

The application process, however, is labour intensive, and subsequently prone to mistakes.

Castelein Sealants has numerous machines which modify the EPDM to facilitate its application process significantly.

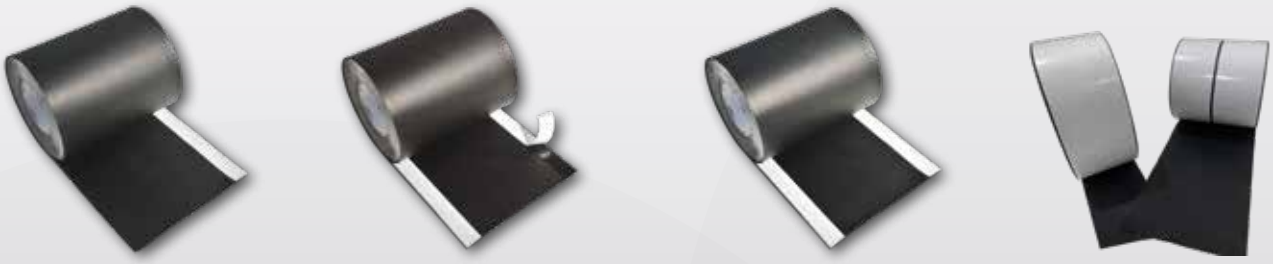
1. Wrapping around and custom cutting the EPDM rolls

Castelein Sealants has large EPDM rolls with a total length of 500 lm. These logs are usually cut down to several smaller equivalents of about 20/25 lm (depending on the thickness). Our machines cut the EPDM according to your wishes.

* Our EPDM stock

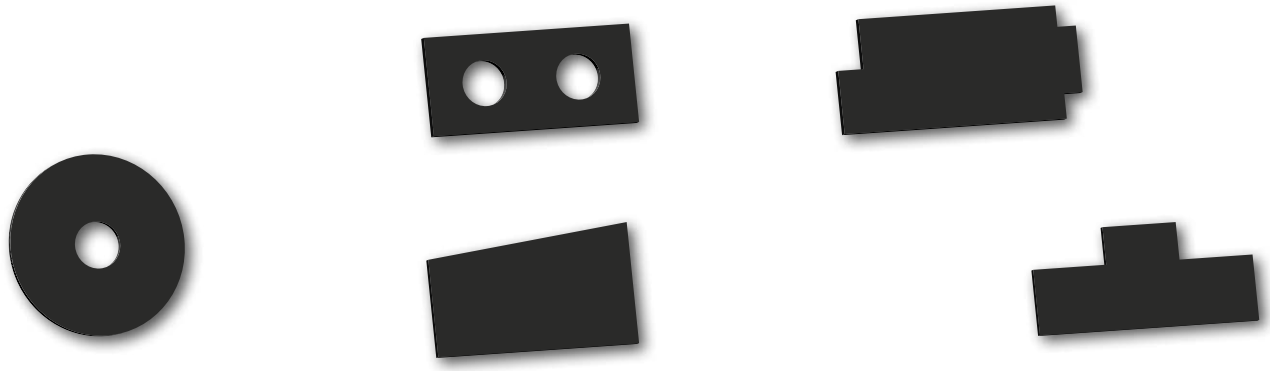
2. Adding glue layers

We can provide the EPDM rolls with glue-strips, or even make the EPDM fully self-adhesive. A combination of both is also possible. The glue strips come in varying sizes and measurements (see page 16).



3. Punching holes

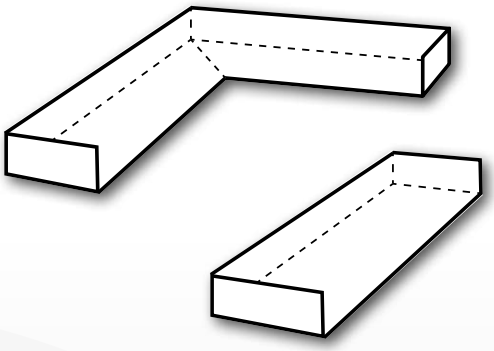
Thanks to our specialized infrastructure, we can come up with varying sizes and shapes of EPDM. Moreover, we can also punch holes in the EPDM.



4. Thermal welding

Our welding machines offer numerous possibilities:

- Thermal welding of gaskets onto the EPDM. One or more gaskets are added to the EPDM.
- We can thermally weld the EPDM together to compose large surfaces.
- We are also able to create angular pieces and a large variety of other 3D shapes (e.g. drainage systems).



5. Product combinations

Thanks to the combination of all these possibilities we can offer an assortment of highly customizable products which greatly simplify the EPDM application process, whilst maintaining a high degree of reliability and quality. Some examples of our products include:

- adhesive corners (see page 16) or corners with gasket (see page 17)
- adhesive EPDM rolls or shapes (see page 16) or EPDM with gasket (see page 17)
- 3D frames (adhesive or with gasket) (see page 18)

2.b. EPDM Butyl System

created by Castelein Sealants

We can custom-fit a butyl glue-strip onto our certified EPDM. The glue-strip serves to facilitate the assembly of the final product and allows us to guarantee both speed and quality.

Our custom-made products are manufactured IN-HOUSE.
This subsequently ensures high levels of flexibility and adaptability.

1

We can apply **different widths and breadths** of butyl glue-strip to the EPDM. **The number of strips and their respective positioning** on the EPDM can also be fully customized according to your wishes. The images below serve to illustrate some of the many possibilities:

FULLY SELF-ADHESIVE

ONE OR MULTIPLE BUTYL GLUE-STRIPS AT VARIOUS POSITIONS

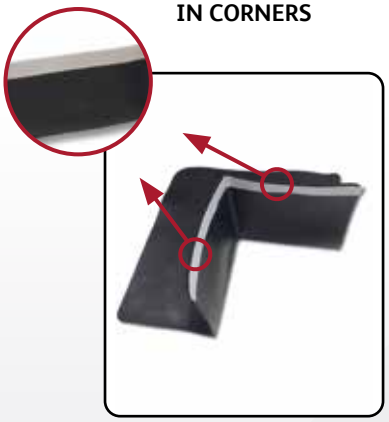
VARIOUS EPDM THICKNESSES AND WIDTHS

2

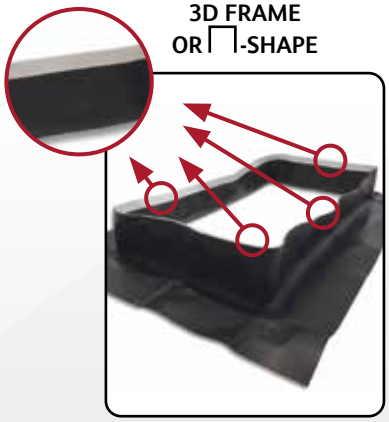
We have **several versions** of butyl glue-strip to suit your needs:

ON ROLLS

IN CORNERS



3D FRAME OR ⊓-SHAPE



3

Our EPDM-Butyl-product's **measurements can be adjusted to your wishes**.

- EPDM thickness for rolls, corners and 3D frames:
  0.6mm / 0.75mm / 1mm / 1.3mm / 1.5mm
- EPDM width for rolls, corners and 3D-frames:
  available in all sizes (up to 1300mm)
- Availability of multiple shapes and formats for EPDM corners and/or 3D frames

2.c. EPDM Gasket System

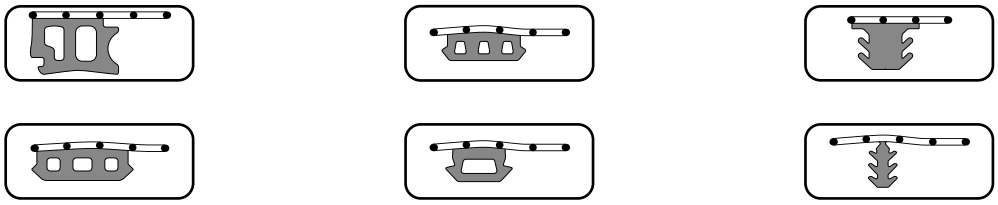
created by Castelein Sealants

At Castelein Sealants, we make it our duty to accelerate and simplify your application process of EPDM sealings, whilst simultaneously maintaining our focus on reliability and quality. As such, we are proud of our certified EPDM, which we fitted with a gasket.

Our custom-made products are manufactured IN-HOUSE.
This subsequently ensures high levels of flexibility and adaptability.

1

We have **large array of EPDM-profiles** at our disposal. This allows any type of window-profile to be fitted with a gasket. The images below serve to illustrate some of the many possibilities offered by this new technology:



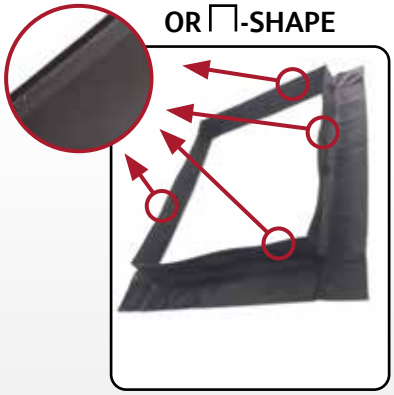
2

We have **several versions** of the gasket to suit your needs:

ON ROLLS

IN CORNERS

3D FRAME OR ⊓-SHAPE



3

Thanks to our in-house production, we can attach the gasket to a **plethora of EPDM measurements**.

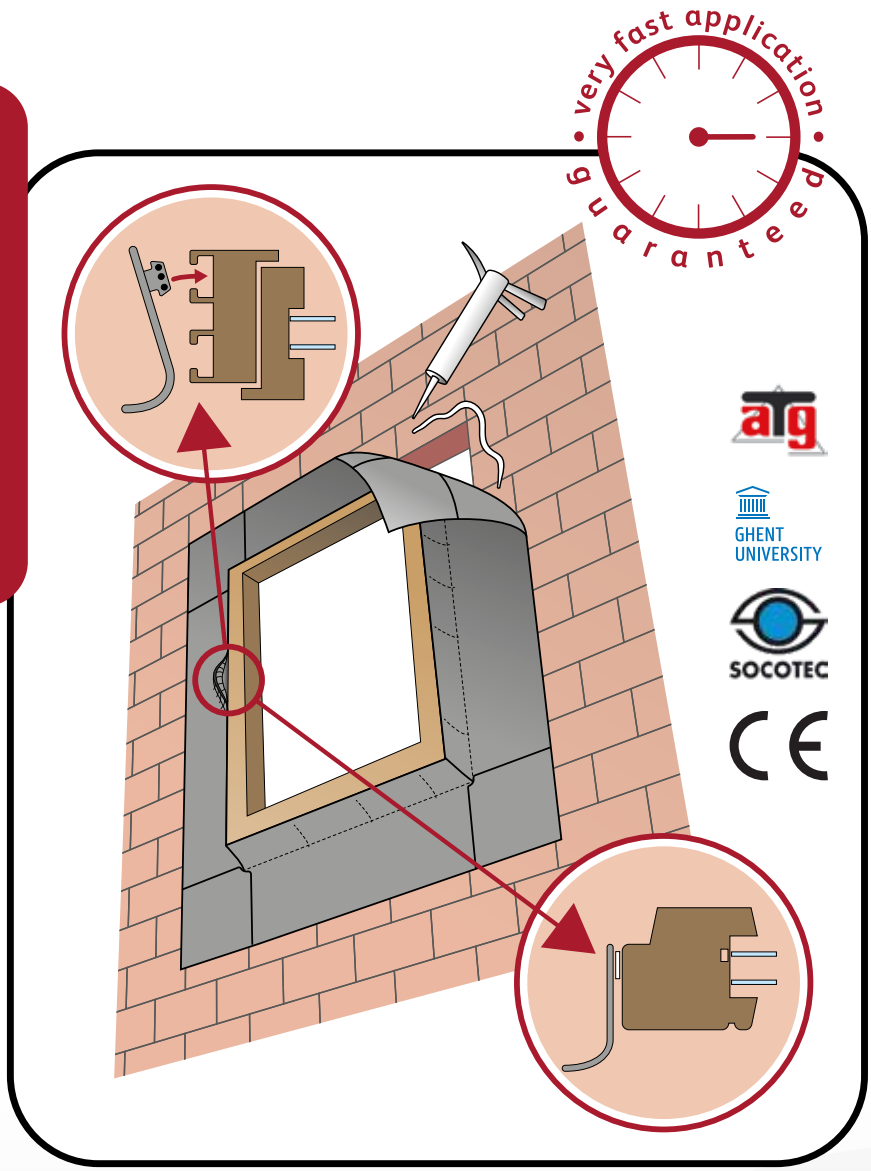
- EPDM thickness for rolls, corners and 3D frames:
  0.6mm / 0.75mm / 1mm / 1.3mm / 1.5mm
- EPDM width for rolls, corners and 3D-frames: available in all sizes (up to 1300mm)
- Availability of multiple shapes and formats for EPDM corners and/or 3D frames

2.d. EPDM Window Frame

created by Castelein Sealants

Stop wasting money on working hours, transport and elevators for EPDM application!

The installation of our innovative EPDM Window Frames is **6 times faster** and can be completed by a single person.



EPDM Window Frame
Click & Glue
www.casteleinsealants.eu

The SAFE, FAST AND EASY way to turn the application of EPDM WINDOW FRAMES into an affordable ONE-MAN JOB

The EPDM Window Frame **with integrated welded corners** offers plenty of advantages :

- 100 % waterproof and airtight results thanks to our state-of-the-art welding technology
- A fast, easy and safe application requiring only a single craftsman
- Short delivery terms
- Customized markers with personal reference numbers on each EPDM Window Frame

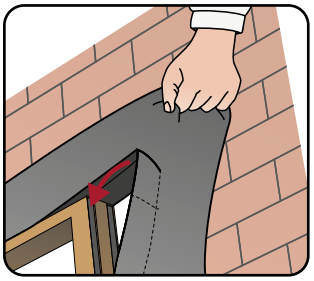
Simply follow these straightforward steps:

HOW?

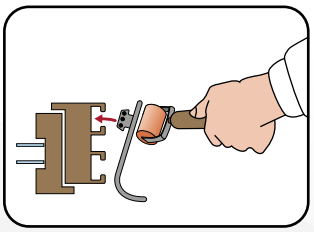
CLICK STEP 1 : application on the window frame

With gasket

1) Click the gasket of the EPDM Window Frame in 3 of the window profile's corners. Slightly stretch the EPDM before snapping the gasket into the 4th corner



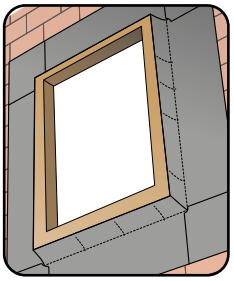
2) Snap the gasket between the corners in the window profile (use a pressure roller).



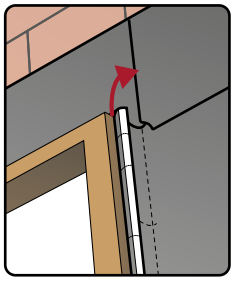
or

With butyl-adhesive

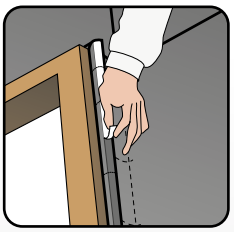
1) Stretch the EPDM Window Frame around the window frame.



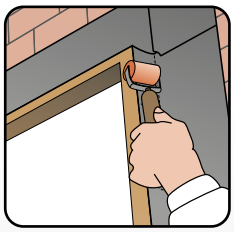
2) Fold the butyl-adhesive to expose its adhesive layer.



3) Remove the protection film of the butyl-adhesive.

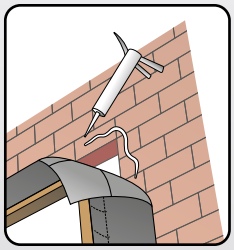


4) Fold the butyl-adhesive again and use a pressure roller to fix it on a clean window profile.

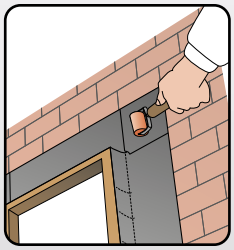


GLUE STEP 2 : application on the wall

1) Apply the NOVOPROOF FA adhesive on the wall all around the window frame

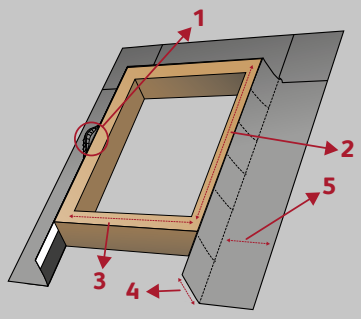


2) Use a pressure roller for a smooth finish and a better adhesion



THE ONLY DATA WE NEED TO CREATE YOUR CUSTOM-MADE EPDM WINDOW FRAME OR ⊓-SHAPE:

See order form on page 20



Example of ⊓-SHAPE

1) Bonding technique : plain EPDM/with butyl-adhesive/ with EPDM gasket*
2) Window height (mm)
3) Window width (mm)
4) Width EPDM on window side (mm)
5) Width EPDM on concrete side (mm)
6) Required quantity of window frames

* If you use a gasket please specify the manufacturer and the type of window profile .