



Rubber



Rubber - proven for decades

Thanks to our team spirit, professionalism and unique proven technologies, we can make the seemingly impossible possible, the unsafe safe and the unsightly beautiful. That is how we create a greater quality of life and satisfaction.

The roof of the future?

How can you extend the life of roof seals? And how can you shorten the installation time to a complete minimum? The answers to these questions led to the creation of a unique sealing system and Contec in 1992. Today, we are the market leader in Switzerland for prefabricated rubber seals, which can be installed in record time and last for decades. Whether for all types of roofs or for bodies of water, with a Contec seal you get an elegant and secure solution.

Rubber is very easy to process as well as being a robust sealing material. That is why architects, builders and installers use it, and why we hold it in such high regard.

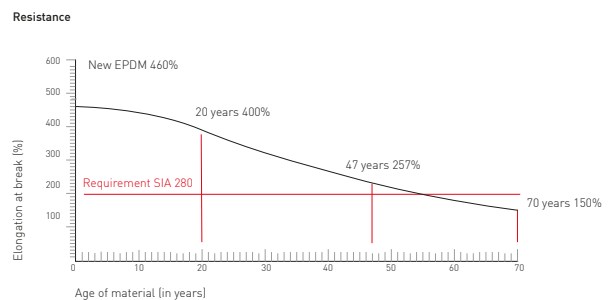
In Switzerland, only at Contec

Rubber seals are not our invention, they have been used on flat roofs since the 1970s. In Switzerland, it is only sold by Contec under the name of Contec.proof. Contec.proof waterproofing membranes are made from EPDM synthetic rubber - originally a non-elastic material which becomes an extremely

tear-resistant sealing material after going through a vulcanisation process.

Lasts over 50 years

Benchmark properties dating over 40-years old, are proof that Contec.proof is a highly resistant, weather-resistant seal that is also not affected by root damage. A Contec.proof seal has never had to be replaced because of material damage. In a life cycle analysis, the Southern German Plastics Centre SKZ documented that it even had a life cycle of over 50 years.



GUMMI WAR GUT - IST GUT - BLEIBT GUT.



GUMMI WAR GUT - IST GUT - BLEIBT GUT.

Prefabrication in detail

We deliver customised seals to the installation site that are already up to 95% pre-fabricated. We are the only supplier in the world to offer this unique technique.



CAD planning and welding machines

A detailed CAD production plan provides the basis for our ready-made seals. It is, so to speak, the „pattern“ for the roof's tailor-made outfit. First the plan is transferred to the cutter. This pencils out, cuts and punches all the necessary parts electronically. Every individual sheet of Contec.proof is joined together using welding machines. Corner pieces, the corners of skylight domes and other areas where the roof is pierced are also vulcanised into the roof covering on the shop floor. The result: up to 95% ready-made and customised waterproofing.

Safe and non-toxic: Thermofast® joining technique

Contec.proof tarpaulins and all the shaped parts such as corner pieces and collars have what we



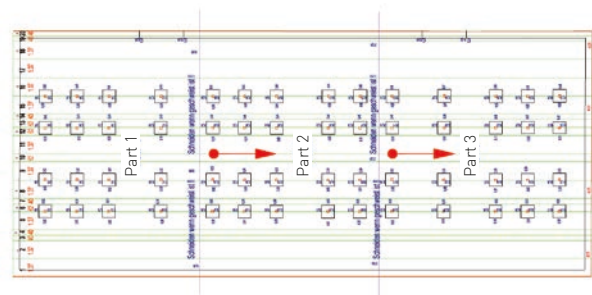
call a Thermofast® joining edge. Whether the seal is welded together by hand or using a machine, the result is a homogeneous bonding with above-average test values in elongation, weatherability and resistance to root damage. And because we work with this particular method of welding we do not use toxic glues and solvents, and so our waterproofing systems can be installed for green roofs and bodies of water with a clear conscience.

Seams with 500% elongation at break

Tests have shown that the welding seams of our seals have an elongation at break of 500%. We can document a weld seam quality record at your request.

Complex roofs: a case for Contec

The more complicated a roof, the more it is a case for Contec. The prefabrication of the numerous details on the shop floor saves time and money during the installation process.





The building method of the future

**Our vision of a contemporary building method:
To deliver a waterproofing system at exactly the right time to the site where it is
needed - and it's ready to be installed without further ado.**

Sophisticated logistics, quicker installation time

We deliver the rolled-up waterproofing along with an installation plan to the site, on the exact date when the sealing work is scheduled for. Depending on the size and weight, the roll is positioned with an inclined lift, crane or helicopter above the pre-determined point. Then the installation team take over: they roll out the seal, align it, clear up any final details, and they're done.

With the Contec System, flashings and cappings can be taken care of quickly and safely.

More certainty in meeting deadlines and budgets

Sealing work can be very time consuming and labour intensive, as well as nerve-racking - depending on the weather. It does not have to be like that. With Contec, your waterproofing system is already made when it is delivered, so it can be installed without having to wait for a long window of fine weather. In fact, the whole process is so quick that you don't even need provisional structures or force account work. Usually one day is enough for the roof to be securely sealed.



10 steps to a safe roof



1. Taking the measurements

The measurements are usually taken on the site. But you can also provide exact roof plans.



2. Creating a CAD plan

The measurement data are processed into a CAD production plan.



3. The cutter cuts

The CAD data is transferred to the cutter, and all the parts are cut, pencilled out and punched.



4. Incorporating the details

Corner pieces, skylight domes and other piercings are integrated into the roof covering.



5. The sheets are welded together

The individual sheets of Contec.proof are welded together in accordance with the CAD plan.



6. „Just in time“ delivery

The seal is rolled up and delivered to the site on the scheduled day together with a plan of the layout.



7. Precision unrolling

The seal is positioned over the pre-determined point and rolled out from there.



8. Aligning and installing

The installation team aligns the roof covering to fixed points. Flashings and cappings in the border areas can be neatly stuck down with Contec.col glue, drains connected and the roof edge details completed.



9. Welding the final details

The individual parts fitted with a Thermofast® joining edge, such as dome skylight collars, pipes and fireplace surrounds, and corners - if they are not already integrated into the roof covering - are already prepared at the factory and delivered along with the rest of the supply to the installation site. The installation team can then weld in the final shaped parts into the waterproofing underlay on site.



10. Securing

Depending on what type of roof it is, either gravel is applied or a green roof is set up on top of the seal as the final step. If, as with plain roofs, there will be no extra loading, the roof is secured with Contec.fix clamps that do not pierce through the substrate.

Quality Assurance

Support and service

Support for the installer

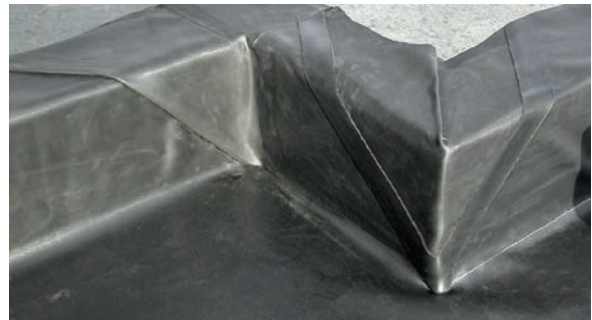
Our products must be properly processed and installed in order to ensure their quality and advantages. The proper sealing of a roof or façade guarantees the long service life of a building. We provide the right training for our installation partners, set the quality standards and work out the installation guidelines and detailed solutions. Always at the cutting edge of technology and know-how.

Services

- Welding and installation courses for our partners
- Instructions on the roof for taking measurements, logistics and installation, detail work
- Site inspections with reports and photos for quality assurance of the installation procedure
- Systematic checks of longstanding roofing systems
- Documentation of the long-term behaviour of the seal

Warranties

- 15-year material warranty for Contec.proof (insured at replacement value) from 500m² of roof area
- 10-year warranty on the seams
- Removal and installation costs for the entire flat roof construction including replacement of the material



Benefits for builders, designers and installers



Benefits for builders	Benefits for designers	Benefits for installers
Long lasting roof	Systematic implementation of visions - the „rubber specialist“ makes it possible	Extremely quick to install
Lower operating costs, respectively increased profitability of the building, since no renovation work is required	Profiled building shapes such as pyramids, egg shapes, cubes, etc, securely sealed.	Not affected by the weather (can be installed in spite of low temperatures or only brief sunny spells)
Assured adherence to deadlines and the building plan	Expressive building surfaces	Assured quality thanks to the prefabrication
Quality assured through prefabrication	Support in concept development with 3D models and live tests	Convenient, clean and quiet to handle
Optimum warranty of 10 to 15 years	Perfect design thanks to professional planning & scheduling, clean-cut CAD drawings and electronically assisted production	Small properties are processed profitably thanks to a one-off installation on site
Optimum environmental compatibility acc. to the Intep study (see „Ecology“ brochure)	Factory prefabrication and „just-in-time“ installation on site	Large properties can be handled despite full capacity, as several thousand m ² of the entire system installation are possible
Fewer conflicts with nearby residents since it is quick, clean, and quiet to install	Contec roofs are often the last possible solution in the constricted framework of quick construction schedules and challenging environmental conditions	Handling twice as many properties with the same size team - or the same amount of properties with a team only half the size
EPDM seals solve special requirements such as sterile factory roofs, concave or convex building surfaces, etc.	EPDM is sustainable and optimises the needs of people, the economy and the environment	End of year value creation and money in the till
Compatibility with solar panels – mounted directly on plain roofs or green roofs	If you use „rubber“, you can still stand out from the crowd. The market share of EPDM is only about 8-10%	Good reputation in the market, more orders!

References

**25 years experience. Over 40,000 buildings. Over 8 million m2.
From single family homes to large-scale industry.**

A selection of reference cases:

ABB Immobilien

Armasuisse

BLS

BMW

Bodum

Burger King

Chanel

Chicorée

Coop Immobilien

Credit Suisse

Die Post

Emmi

Feldschlösschen

Franke

Harley-Davidson

Ikea

Jaguar

Kambly

Lamborghini

Lidl

Mammut

McDonalds

Meyer & Burger

Migros

Nespresso

Nikon

Novartis

Omega

Rivella

Rolex

Scholl-Glas

SBB CFF FFS

Swatch

TCS

UBS

