



RUBBERGARD™ EPDM

BE PART OF THE FUTURE OF ROOFING





DISCOVER THE FUTURE OF ROOFING

Elevate's RubberGard™ EPDM is a synthetic rubber single-ply waterproofing membrane for flat and low slope roofs of commercial, industrial and residential buildings. It offers outstanding durability, resilience and adaptability to current and future building needs.

Unlike other traditional waterproofing membranes on the market, the installation of RubberGard EPDM is flame-free, making onsite working conditions safer. Because it's a single-ply membrane, it offers a lightweight roofing solution that is quick and easy to install.

Along with a complete system for durable performance, we offer roofing contractors comprehensive support on and off the roof, from training to technical assistance before, during and after a job is completed.



> 50 YEARS OF LIFE EXPECTANCY

Resilient, it has outstanding resistance to weathering, hail and fatigue. Physical properties remain unchanged over time.



FULL OFFERING

Complete product offering for all your roofing solution, including accessories and other flat roofing components such as PIR insulation boards, cover boards and vapor control layers.



PROVEN PRODUCT

Over 1.5 billion m² installed worldwide since 1980, from the sub-zero temperatures of Alaska to the desert sun of the Arabian Gulf.



LOW LIFE-CYCLE COST

Requires little maintenance throughout its long service life and is easy to repair, even after years of exposure.



QUICK & EASY INSTALLATION

Large sheets, lightweight, flexible, flame-free.



DESIGN FREEDOM

Versatile, it allows creative design to become reality, both in new build and renovation projects.



FULL SUPPORT

Training, design support, detail drawings, on site assistance.



SUSTAINABLE

Inert material with limited environmental impact during manufacturing, installation and use. Suitable for solar, green and blue roofs.



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> 50 YEARS OF LIFE EXPECTANCY



With a life expectancy of over 50 years*, EPDM roofing membranes are designed to stand the test of time.

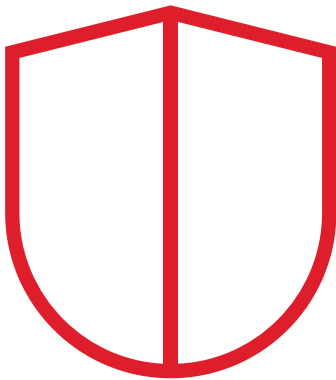
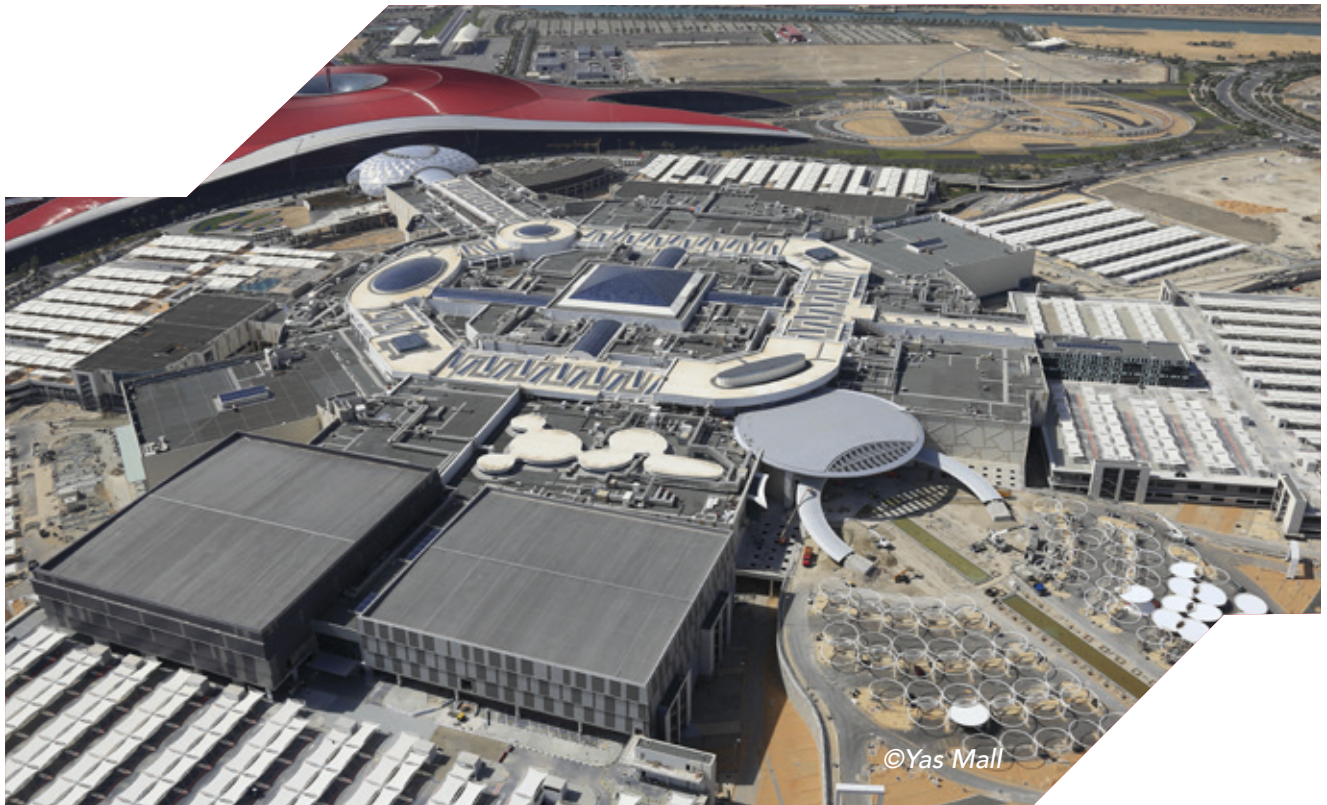
The first RubberGard EPDM project, installed on the roof of an industrial warehouse in Wisconsin (USA) in 1980, is still in service today, testament to the membrane's outstanding durability and resilience.

No matter where you are in the world, RubberGard EPDM performs well and for longer in all climatic conditions. It offers unmatched resistance to ozone and UV radiation and, as it does not contain plasticizers or flame retardants, its characteristics remain stable and unchanged over time.

* "Evaluation of the useful life of EPDM roofing membranes", SKZ (Süddeutsche Kunststoff-Zentrum).



PROVEN PRODUCT



Since its introduction in 1980, over 1.5 billion m² of RubberGard EPDM membranes have been installed on rooftops worldwide. They offer outstanding flexibility and resistance to ozone, UV radiation and extreme climatic conditions, from the sub-zero temperatures of Alaska to the desert sun of the Arabian Gulf. Over the years, RubberGard EPDM has cemented its status as a proven, high-performing roofing solution that brings peace of mind to roofing contractors and long-term satisfaction to building owners.

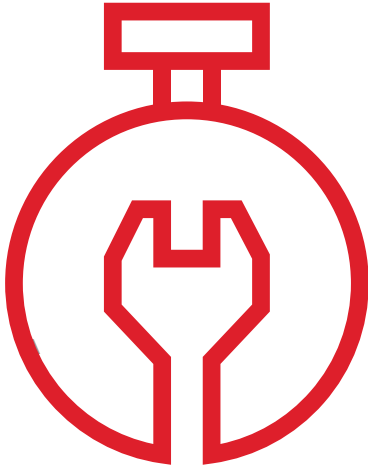
RubberGard EPDM is manufactured at our EPDM plant in Prescott (US) which has achieved an ISO 9001 certification. The membrane also meets or exceeds a variety of international and national building code approvals and classifications, such as FM, UL, ASTM, BBA and CE, among others.



* "Evaluation of the useful life of EPDM roofing membranes",
SKZ (Süddeutsche Kunststoff-Zentrum).



QUICK & EASY INSTALLATION



FLAME-FREE

Unlike other traditional roofing membranes, no flame or gas tanks are needed to install RubberGard EPDM. This cold application process thoroughly minimizes onsite fire hazard.

LARGE PANELS = FEWER SEAMS

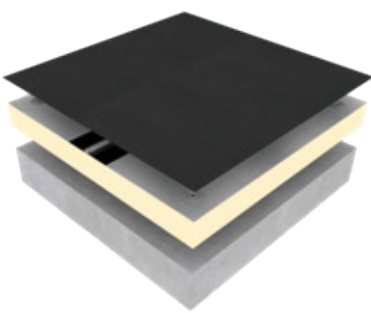
RubberGard EPDM is available in different panel sizes, the largest being 15.25 m wide x 61 m long, which greatly reduces the number of seams and leads to a safer and more reliable application with less waste.

NO SPECIAL TOOLS

No sophisticated or costly equipment such as welding machines is required. The assembly is done using Elevate primers and self-adhesive products to meet the requirements of various roofing applications and installation details.

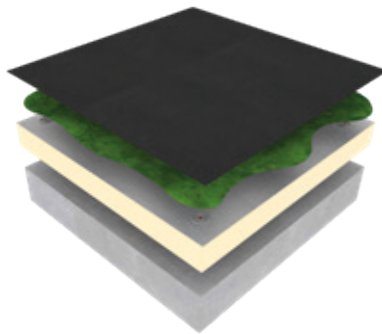
CHOOSING THE RIGHT SYSTEM

Are you planning to install a new roof or refurbish an existing one? Do you want an accessible roof, a green roof, a roof with solar panels, a blue roof...? The RubberGard EPDM roofing systems offer a variety of installation options to best meet the requirements of your project.



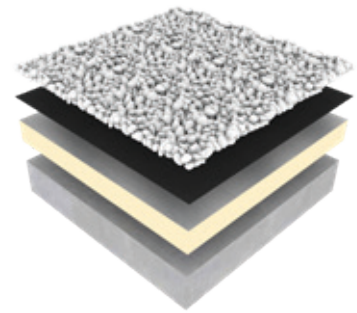
MECHANICALLY ATTACHED (RMA) SYSTEM

Lightweight, non-penetrating mechanically attached system developed around Elevate's QuickSeam RMA strip. The strips are laid over the substrate and mechanically secured to the roof deck. The membrane is then adhered to these self-adhesive strips.



FULLY ADHERED SYSTEM

The membrane is fully adhered directly to the substrate using Elevate bonding adhesive.



BALLASTED SYSTEM

The membrane is loosely laid over the substrate and held in place using approved ballast.

FULL SUPPORT FROM CONCEPT TO COMPLETION





Our team of roofing experts is there to support you with the best advice for your project. They can help you put together a proposal, whether for a new roof or a renovation - defining the best possible system and appropriate detailing, taking into consideration the specific requirements of the project.

We also offer a comprehensive range of specification tools and documents such as material calculation tools, technical manuals, system design, detail drawings, BIM object files, product information sheets and safety data sheets, among others.

RubberGard EPDM can only be installed by roofing contractors that have followed a training course on Elevate products. This ensures a high quality installation, providing an added level of reassurance.

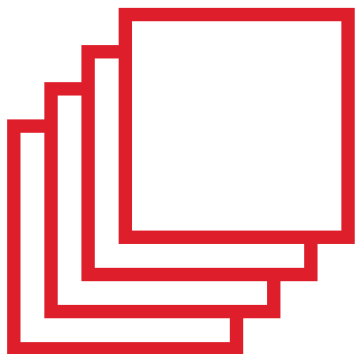
In short, we provide everything that is needed to accurately design, specify, estimate and install a quality RubberGard EPDM roofing system.



Scan the QR code or go to HolcimElevate.com to request a meeting with one of our roofing experts.



FULL OFFERING



We recognize the market need for a fully compatible roofing system, not limited to the waterproofing membrane. Therefore, we offer a complete range of accessories designed to guarantee the best results during the installation of the RubberGard EPDM roofing system, including bonding adhesives, primers, flashings and field seaming products, among others.

In recent years, we have expanded our offer to deliver a full roofing solution, including other flat roofing components such as PIR insulation boards, cover boards and vapor control layers. Since the complete system comes from a single source, all components have been optimized to work well together, further enhancing the overall performance of the system.

**Elevate RubberGard EPDM
roofing membrane**

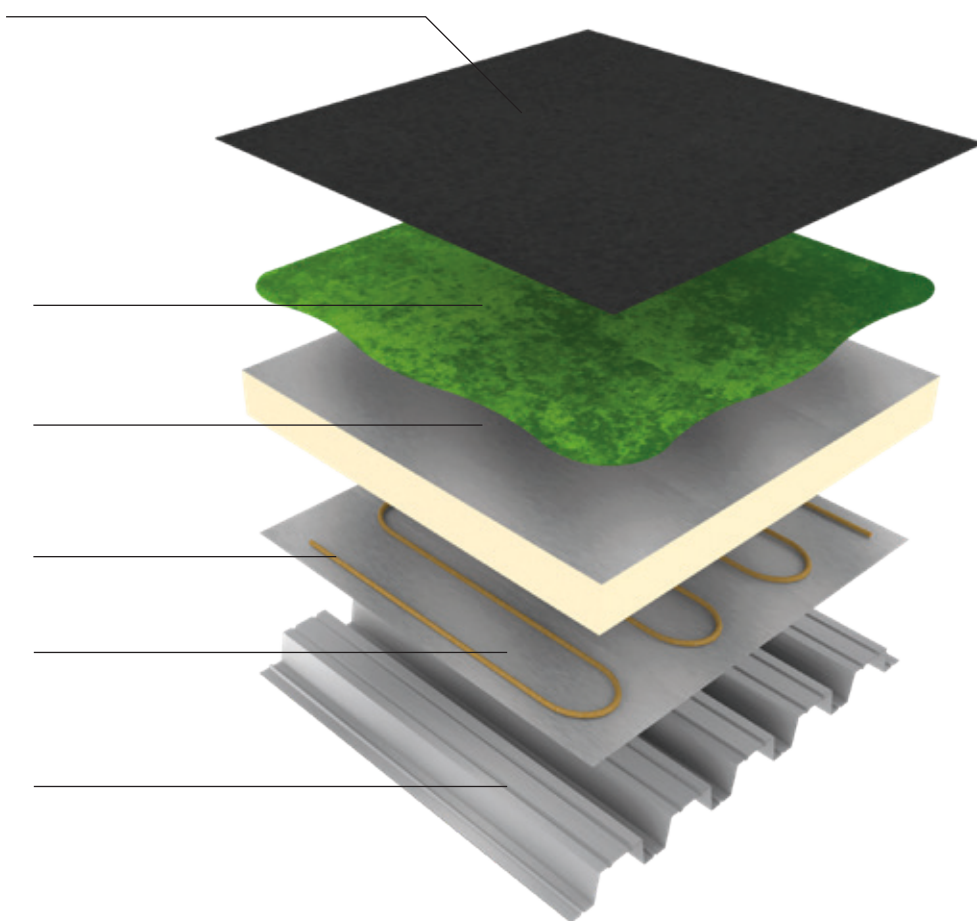
Elevate bonding adhesive

Elevate PIR insulation board

Elevate PU adhesive

**Elevate V-Force
vapor barrier membrane**

Roof deck



LOW LIFE-CYCLE COST



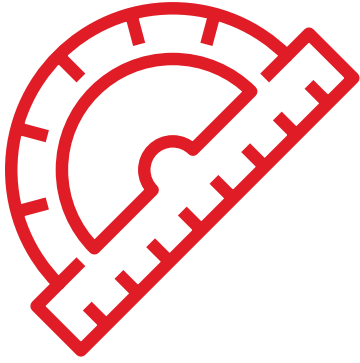
The waterproofing market has been changing during the past few decades, with single-ply roofing membranes steadily gaining market share. Product durability, ease of application and ability to optimize the energy-efficiency of buildings while minimizing their environmental impact are key factors behind this trend. RubberGard EPDM ticks all these boxes.

RubberGard EPDM roofs have an extremely long service life, require very little maintenance and, if needed, can be easily repaired even after several years of exposure. This, combined with competitive installation costs, results in a very low life cycle cost.

In short, the resilience and durability of RubberGard EPDM, paired to the full support offered at every step of the way, translates into smooth jobs and satisfied customers.



DESIGN FREEDOM



RubberGard EPDM can be installed directly on most substrates, with or without insulation, both on new construction and renovation projects.

The membrane remains flexible even at temperatures as low as -45°C and can elongate over 300% to accommodate building movements and temperature fluctuations.

These attributes allow RubberGard EPDM to adapt and conform to irregular shapes very easily, following the geometry of the supports and accepting their various expansions or retractions due to climatic variations, without ever saturating or breaking.



SUSTAINABLE



Sustainable construction is becoming increasingly important. Today, roofs are expected to contribute to the energy efficiency of buildings, as well as being sustainable and environmentally friendly.

RubberGard EPDM is resilient, lightweight, inert, offers excellent weathering performance, outstanding durability and uses less natural resources than other traditional roofing membranes. Several assessments support this, such as the one from the Dutch Institute for Building Biology and Ecology (NIBE), which has named EPDM roofing membranes as the most environmentally-friendly choice for flat roofs.

The use of RubberGard EPDM also helps achieving high ratings in green building programs such as LEED and BREEAM.



THE PERFECT FIT FOR SOLAR, GREEN AND BLUE ROOFS

The addition of photovoltaic installations, green and blue roof systems are ways of allowing the roof to produce energy, manage and collect rainwater, reduce noise and create natural habitats in urban landscapes, among others. However, not every roofing membrane is able to cope with the requirements of installing these types of roofing systems.

A rooftop solar panel investment is typically based on a 20 to 25 years' financial projection, so the roofing system must be able to support the PV installation for at least that period to maximize returns.

In the case of green roofs, resistance to root penetration and robustness to cope with roof traffic associated with maintenance is crucial. To properly manage

and even harvest rainwater through a blue roof, the roofing membrane has to be inert in addition to having outstanding waterproofing qualities.

RubberGard EPDM offers a perfect match for these type of applications. It is compatible with green roofs and can easily be combined with any type of photovoltaic installation. They also allow rainwater collection. Their excellent weathering performance, resistance to root penetration and ability to withstand very high and very low temperatures translates in a roofing solution of outstanding durability.



ELEVATE

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Your local Elevate representative:

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