



# BUILDING A BETTER FUTURE.







Soudal is committed to delivering products into the building and construction sector that in every aspect of their design, manufacture, use and disposal give more than they take. Enabling buildings to be constructed in a way that shows optimal care and attention to both the built and natural environments in which we all work, play and live. We believe being green and using sustainable resources is a not negotiable, it is who we are.





## **GREEN BUILDING – OUR COLLECTIVE FUTURE**

Green, environmentally friendly, sustainable buildings, building products and building practices have been steadily lifting their profile and presence in New Zealand. According to the government endorsed NZ Green Building Council - Green buildings are designed to be good for people, and to have a lower impact on the environment. They deliver multiple benefits both to their immediate occupants and to the wider community. They are our collective future.

## **GREEN BUILDINGS – NOT A FAD**

In 2021 everything we hear tells us that themes of sustainability, green building and environmental responsibility are intensifying in strength within a growing number of sectors of the market.

Within large scale commercial builds a recent Australasian study indicated 60% of companies were willing to pay a premium on their lease costs to secure designated sustainable green space.

Since the introduction of Green Star in 2007, NZGBC has been successful in mainstreaming the accreditation into commercial office buildings in the main centres. So much so that as of early 2020 it was estimated that over 80% of new commercial office buildings in Auckland were Green Star accredited. Research is pointing to better returns for owners and investors, on the basis that green buildings enjoy both better occupancy and better returns.

Added to this we have increased focus from central and local government for sustainable building practices to be a non-negotiable element of the design and build of all buildings.

In 2021, being green is becoming less of a choice and more of a must do!

# THE DIFFERENCE BETWEEN 'GREEN' BUILDING AND **A GREEN BUILD.**

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A **green building** is one that is designed, built and then operated in ways that reduces or removes any negative impact on the environment and the people using it.

A **green build** is one where the products and processes used during the construction and build phase are;

- Environmentally friendly
- Low VOC
- Manufactured using low impact processing
- Recyclable

Soudal is proud to be leading the way on a global stage with sealants, adhesives and technical building products that truly deliver a complete green build process.



A photograph of a two-story house with a wooden balcony. A person is standing on the lower deck, looking out over a landscape with mountains in the background. The image has a warm, golden-hour tone. A dark green semi-transparent box is overlaid on the right side of the image, containing the text 'WE LIVE GREEN' and a list of three items: 'green products', 'green manufacturing', and 'green accreditations'.

## WE LIVE GREEN

- green products
- green manufacturing
- green accreditations









# GREEN PRODUCTS

## THE SOUDAL NZ SUSTAINABLE PRODUCT MATRIX

Soudal is proud to supply a wide range of products that tick the right boxes across multiple environmental indexes;

✓ **Low VOC emission products** - VOCs (volatile organic compounds) are present in a whole host of construction products - paint is the most common example. While it is true that some VOCs are more toxic than others, as a general rule scientific and medical advice recommends everyone should be looking to minimise their exposure to them. Soudal is proud to supply over 30 sealants and adhesives into the market which achieve a low VOC tick.

✓ **ISO 14001 certified products** - ISO 14001 is an independent standard developed by the International Organization for Standardization (ISO) which enables an organisation such as Soudal to develop and implement policies by which we manage our primary environmental issues. These are then externally audited with particular reference to key objectives including;

- enhancement of environmental performance;
- fulfilment of compliance obligations;
- achievement of environmental objectives.

✓ **Living Building Challenge** - Soudal is proud to supply an extensive range of products that achieve Living Building Challenge status. That is to say that these specific products are certified as meeting the requirements for inclusion in a fully completed and certified Living Building. These are standards that are independently appraised and upheld and among the highest in the world in terms of sustainable and regenerative built environments.



foam

adhesives



### Gorilla MS Expanding Foam

MS polymer expanding foam is 100% isocyanate-free, for general sealing and adhesion in building construction, including air-seals in window & door installation. Provides high acoustic and insulation values to project where permanent air-seal solution is needed.

BRANZ  
Appraised

ISO14001

Low VOC  
Emission ProductLiving Building  
Challenge

Y

Y

Y



### Gorilla Grip (2 hour, 1 hour) Construction Adhesive

PU based adhesive for construction bonding especially in setting flooring systems to joists and other places where you want a permanent and waterproof adhesive solution.

Y

Y

Y

Y



### Gorilla Grip 10min Construction Adhesive

PU based adhesive for construction bonding especially in setting flooring systems to joists and other places where you want a permanent and waterproof adhesive solution.

Y

Y



### Gorilla Glue Premium

PU based wood working and joinery adhesive where you need a permanently waterproof bond. Safe for use in domestic food preparation areas.

Y

Y

Y



### Gorilla Wood Glue

Wood working and joinery, designed especially for use with NZ native timbers.

Y

Y



### Gorilla FixALL High Tack

MS polymer that provides a strong elastomeric bonding joint between metals and many common construction substrates.

Y

Y

Y

# SUSTAINABLE PRODUCTS MATRIX SOUDAL NZ

Soudal is proud to have a wide range of products that tick the boxes across multiple sustainability indexes.

## adhesives

	product	application	BRANZ Appraised	ISO14001	Low VOC Emission Product	Living Building Challenge
	<b>Gorilla FixALL Turbo</b>	MS polymer that provides a super fast strong elastomeric bonding joint between metals and many common construction substrates.		Y	Y	Y
	<b>Gorilla MS Flooring Adhesive</b>	For the laying of engineered and parquet overlaid solid timber flooring systems.		Y	Y	Y
	<b>Gorilla 940FC</b>	PU elastomeric adhesive for bonding of many substrates. Has high chemical resistance in many difficult environments.		Y	Y	Y
	<b>Gorilla Wallboard Adhesive (solvent free)</b>	For the express purpose of fixing gypsum wallboard products along with other softwood materials to both timber and steel battens. Non-drip, no smell formulation.		Y	Y	Y
	<b>Gorilla Green Fix</b>	For the re-fixing of artificial turf in a residential & light commercial situation. A maintenance item.		Y	Y	Y
	<b>Gorilla Mirror Fix</b>	MS polymer that provides a strong elastomeric bonding for mirror and glass splashbacks that will not damage the applied surface.		Y	Y	Y












## sealants

	product	application	BRANZ Appraised	ISO14001	Low VOC Emission Product	Living Building Challenge
	<b>Gorilla MS Sealant</b>	Weather-tight sealing solution to meet E2/AS1. With 25% movement capability and excellent adhesive characteristics to many substrates.	Y	Y	Y	Y
	<b>Gorilla FixALL Crystal</b>	Optically clear MS polymer for the architecturally sealing of joints.		Y	Y	Y
	<b>Soudal Soudaseal 270 HS</b>	High end strength, non-pick sealant for those area where abuse may occur from abrasion or vandalism.		Y	Y	Y
	<b>Soudal Soudaseal 240FC</b>	Excellent joint sealant and adhesive especially versatile in adhesive fixing of finished interior linings.		Y	Y	Y
	<b>Gorilla Plumbers Silicone</b>	All purpose, high grade, neutral cure plumbers silicone that will not react with many standard products used in plumbing installations.		Y	Y	Y
	<b>Gorilla Roof &amp; Gutter Silicone</b>	Specialized roofers silicone designed especially for roof flashings and spouting mitre connections.		Y	Y	Y
	<b>Gorilla Bathroom &amp; Kitchen Silicone</b>	High grade sanitary sealant that has been approved for use in critical hygiene and food production areas.		Y	Y	Y
	<b>Soudal Soudaseal Firestop MS</b>	Fire rated MS sealant that meets requirements of the fire regulations and weather-tightness (E2/AS1).		Y	Y	Y
	<b>Gorilla Firecyl</b>	Fire rated intumescent sealant for interior use. Is also acoustically rated for optimum compliance in multi-tenancy constructions.		Y	Y	Y



## other products

	product	application	BRANZ Appraised	ISO14001	Low VOC Emission Product	Living Building Challenge
	<b>Gorilla Pro Gaps Multipurpose</b>	Interior painting and decorating gap filler. High acoustic value.		Y	Y	Y
	<b>Gorilla Pro Gaps Exterior</b>	Exterior painting and decorating gap filler. High acoustic value.		Y	Y	Y
	<b>Gorilla Pro Gaps Quick Dry</b>	Interior/exterior with fast application of paint coatings. High acoustic value.		Y	Y	Y
	<b>Gorilla MS Flooring Vapour Barrier</b>	For the sealing and vapour barrier in wet areas for use in conjunction with Gorilla MS Flooring Adhesive.			Y	Y
	<b>Gorilla BlackJack Membrane</b>	Damp proof membrane based on an aqueous bituminous solution for use on below ground concrete and block work.			Y	Y
	<b>Gorilla VHB Acrylic Double-Sided Tape</b>	For the accurate placement and support of interior wall linings to ensure that you achieve the correct adhesive thickness.			Y	Y
	<b>Gator Double Sided Foam Tape</b>	For the accurate placement and support of interior wall linings to ensure that you achieve the correct adhesive thickness.			Y	Y
	<b>Gorilla PEF Rod Range</b>				Y	Y
	<b>Gorilla H-Packer Range</b>				Y	Y



# GREEN MANUFACTURING – OUR GLOBAL COMMITMENT.

## CONSERVING RESOURCES



For more than a decade across the Soudal family there has been an active global commitment to managing our manufacturing and production in a way that efficiently uses and conserves raw materials, water and energy.

This approach is evidenced in initiatives such as the active minimisation of water usage at our plants – not only do we minimise all initial water consumption, but we further support this by utilising advanced rainwater recuperation systems as commonplace.

## MINIMISING WASTE



At Soudal this involves active initiatives which target the reuse, minimisation and recycling of waste such as paper, cardboard, plastic, iron, wood, thermal oils, electronics, ink cartridges, all of which are stored separately and recycled. The minimal waste flows that are still generated are recycled in a maximal way.

This waste minimisation extends out into wider elements of production at our plants throughout the world - a recent advancement has been to harness the heat generated by our compressors during the mixing process of our products - capturing it and then repurposing it back into central heating systems of the plants.

## CLEAN PROCESSES

Throughout our plants globally we are striving to make the process of manufacture cleaner and greener at its core.

As a living example of this - where once our used vessels would be cleaned on site using an array of solvent based chemicals, a walk-through of a Soudal plant today will highlight just how much of this cleaning has been effectively transferred over to use only solvent free, environmentally friendly products.



SOUDAL MANUFACTURING PLANT, BELGIUM –  
DEMONSTRATING OUR COMMITMENT TO RENEWABLE ENERGY





# GREEN ACCREDITATIONS FOR YOUR BUILD.

Soudal sealants and adhesives can contribute to obtaining green building certificates like LEED® and BREEAM®. The assessment methods (and rating systems) are set against established benchmarks to evaluate a building's specification, design, construction and use.



**LEED®** (Leadership in Energy and Environmental Design) is a voluntary, consensus-based, market-driven program developed by the US Green Building Council, which provides third-party verification of green buildings. From individual buildings and homes, to entire neighborhoods and communities, LEED is transforming the way buildings are designed, constructed, and operated. Comprehensive and flexible, LEED addresses the entire lifecycle of a building. Soudal offers a wide range of products that meet LEED IEQ Credit 4.1, which states VOC limitations for adhesives and sealants.



**BREEAM®** sets the standard for best practice in sustainable building design, construction and operation and has become one of the most comprehensive and widely recognized measures of a building's environmental performance. This rating method for green buildings was established in the UK by the Building Research Establishment (BRE). The measures used represent a broad range of categories and criteria from energy to ecology. They include aspects related to energy and water use, the internal environment (health and well-being), pollution, transport, materials, waste, ecology and management processes. BREEAM is the preferred scheme for a number of the national Green Building Councils across Europe. Both for LEED® as for BREEAM®, Soudal products can contribute to earn a certification due to their very low VOC content.



# OUR SPECIFIER & INDUSTRIAL TEAM.

To find out more about our  
commitment to sustainability and  
the great range of green products  
we have to offer please contact;

**STEVE LOVERIDGE** | Technical Development Manager

steve.loveridge@soudal.co.nz | Phone: 021 273 8894

**GARY WOODDIN** | Business Development Manager - Industrial South Island

gary.wooddin@soudal.co.nz | Phone: 021 645 725

**MATTHEW WELCH** | Business Development Manager - Industrial South Auckland

matthew.welch@soudal.co.nz | Phone: 021 984 369

**SALIL WAGH** | Business Development Manager - Industrial Northland & North Auckland

matthew.welch@soudal.co.nz | Phone: 021 984 369



**EXPERTS IN SEALANTS, FOAMS AND ADHESIVES**