

# HEALTH and the ENVIRONMENT

Our commitment to health and the environment is built into everything we do.



# HEALTH and the ENVIRONMENT: MAPEI leads the way



Sustainability is not a new concept to MAPEI. Since the company was founded more than 80 years ago, we have focused on creating building products that are not only among the best and most durable in the industry, but that are also designed to have minimal harmful impacts on the environment.

MAPEI always leads by example. From the beginning of the company, there has been a driving corporate philosophy that a certain percentage of profits should be reinvested into research and development, in order to create industry-leading products that have a minimal impact on the environment throughout their entire life cycle. The life cycle must be long, and the products must be durable – but in addition to offering high performance, MAPEI products are developed with the well-being of users and the environment in mind. That mandate has been a constant throughout the company’s history – well before “sustainability” was a buzzword.

MAPEI’s three-pronged sustainability mandate – low environmental impact, low health impact and high durability – is the result of continual innovation and a dedication to creating eco-friendly solutions. It starts at our plants, where our operations are conducted with sustainability in mind throughout a “cradle-to-grave” process. As you’ll learn on the pages of this report, every step of the process is examined to ensure that, from beginning to end, our carbon footprint is as small as possible. In order to track this process, MAPEI has implemented a formal environmental management system (EMS) according to ISO 14001. To this end, it developed an environmental policy and timetable for the implementation of the EMS at all of its North America facilities. As of 2019, most MAPEI facilities have been certified to ISO 9001 and ISO 14001 standards.

The process continues with our products’ documentation, packaging and shipping, which reflect our commitment to health and the environment. As a manufacturer, we are transparent about our ingredients. We are proud to say that

a wide variety of our products contribute to greenbuilding standards and certification programs including LEED, the WELL Building Standard and the Living Building Challenge. Even the way that we package our products is environmentally based: We’ve switched to machinery that utilizes plastic packaging, which is not only recyclable, but also helps decrease the costs that can occur with product leakage and waste. Further, recent improvements in our logistics have helped to keep transportation costs and fuel consumption low, while reducing our carbon footprint. Why ship something by semi truck if it can go by freight train?

Perhaps the most important part of our three pronged sustainability approach is also the result of our strong commitment to our people and our communities. At MAPEI, we always say that our people are our greatest asset. And it is true. We encourage our employees to take time with their families and to participate in their communities. MAPEI employees are encouraged to volunteer their time to make this a more socially sustainable world. Whether we are building homes for veterans, donating materials and building skills to “Blitz Build” projects, donating to local food banks or participating in customer-sponsored charity events, our people truly embody the ethos of giving rather than taking and of working to make their communities – where we all live and work – better places. Here at MAPEI, we prefer serving others in order to build up our community.

In this brochure, you will find examples of our sustainable facilities, our innovative products and processes, and our commitment to health and the environment. We are very proud of these core values. They have guided us to be more transparent than ever before.

A stylized, handwritten signature in black ink, appearing to read 'Luigi Di Geso'.

**Luigi Di Geso**  
President and CEO, MAPEI North America

# MAPEI'S SUSTAINABILITY MISSION STATEMENT

At MAPEI we are committed to protecting the earth, using energy and resources sustainably, minimizing waste, and developing and supplying products with user safety in mind, while being mindful corporate citizens.

MAPEI is committed not only to manufacturing the best products for the building industry, but also to provide leadership in sustainability improvements that are documented and reported at regular intervals. We feel that this commitment is good for our business, our environment and the community at large.



Sustainability is a part  
of everything we do.

When it comes to our company's triple bottom line – People, Planet, Products – MAPEI's processes focus on sustaining the environment for today and tomorrow.



## PEOPLE

All of our employees follow a Code of Ethics that pertains not only to our daily work within the company, but to our interactions with the communities in which we live.



## PLANET

Our operational processes are conducted with sustainability in mind regarding every stage of production – from research and development to manufacturing and packaging – to reduce our carbon footprint and maximize our environmental “handprint.”



## PRODUCTS

Our products' documentation reflects our commitment to health and the environment, including transparency about our ingredients' impact on human health and the environment. Our products also contribute to a variety of rating systems including LEED, the WELL Building Standard and the Living Building Challenge.

# OVERVIEW

In North America (United States, Canada, and the Caribbean), we at MAPEI challenge ourselves to design and manufacture innovative products with reduced environmental impact. As the world's leading manufacturer of adhesives, sealants and chemical products for building, we feel a profound sense of responsibility to advance our shared mission of a more sustainable future.

This commitment to environmental stewardship is manifested in a variety of ways – through our own efforts and through industry recognition.

## Accomplishments and awards

- In 2020, MAPEI produces its own Sustainability Product Reports, documents that provide products' sustainability attributes and contributions to various green building standard and certification systems.
- In 2020, MAPEI earned Indoor Advantage Gold certification from SCS Global Services, which identifies products with low VOC emissions. In addition to offering CRI Green Label Plus certifications, our team is always working toward new advancements to gain green certifications.
- In 2020, MAPEI Corporation's headquarters in Deerfield Beach, FL, became the first manufacturing company in the industry to achieve Fitwel certification under Fitwel's Single-Tenant Whole Building Scorecard for Workplaces. This certification is strong proof of MAPEI's commitment to health and sustainability to the community, our industry, our customers and our employees.
- In 2020, MAPEI was awarded the FCW GreenStep Product Award for our commitment to sustainability and transparency across our product lines. We could not pick one product to submit because when most of your company's products feature green attributes — by design — it is difficult to spotlight a single product for honorable mention. At MAPEI, it is our product process that is noteworthy. Our commitment to sustainability is built into everything we do. Sustainable products, with relevant transparency documents, enable our customers to reduce their footprints during a building's lifecycle. We have Environmental Product Declarations (EPDs) for all major product categories. We support a sustainable future by designing products that have less impact on the

environment or with attributes that contribute positively to the environment.

- In 2018, MAPEI joined mindful MATERIALS (mM), an online resources library for designers, specifiers and other users to find product sustainability information.
- MAPEI supports the sustainability movement toward transparency and healthier building materials. Since 2017, the company has made its Manufacturers' Inventory reports (certified and verified by third-party GreenCircle) publicly available.
- In 2016, Mapei S.p.A.\* became EPD Process Certified. This means that internal processes to produce EPDs on a large scale have been quality-assured by the International EPD System.
- In 2014, MAPEI received Tile Council of North America's (TCNA) Green Squared certification for TCNA's first tile and stone installation product – MAPEI Ultralite™ Mortar. MAPEI has since been awarded 5 additional Green Squared Certifications.
- Since 2006, MAPEI has participated in The Carpet and Rug Institute's Green Label Plus program that identifies flooring products and their adhesives/sealants with very low emissions of VOCs, thereby helping to improve indoor air quality.

*\* Mapei S.p.A. is the global headquarters of MAPEI Group*





# PEOPLE

People are the foundation and future of our success. We are committed to providing our people with safe and healthy working environments as well as opportunities for learning, growing and being recognized for their achievements. We are also committed to valuing the diversity of individuals and improving the communities where we live and work.

## Our employees

### Code of ethics

MAPEI encourages its employees to actively participate in implementing the principles of social responsibility.

### Employee training

MAPEI acknowledges workplace health and safety as key elements for sustainability. Our workplace health and safety policy is founded on the development of a Safety Management System (SMS).

### Industry involvement

MAPEI takes pride in being a leader in the industries where we compete, including:



MAPEI Corporation's headquarters in Deerfield Beach, FL, achieved Fitwel certification. Created as a joint initiative led by the U.S. Centers for Disease Control and Prevention (CDC) together with the General Services Administration (GSA), Fitwel provides guidelines for designing, constructing and operating healthier buildings. The Center for Active Design (CfAD) is the operator of Fitwel and responsible for the third-party verification of the certification. This certification reinforces MAPEI's commitment to providing a healthy workplace for our employees.

MAPEI received this honor by incorporating evidence-based design and policy strategies that support physical, mental, and social health of the building's occupants. Notable features include the main staircase, visible from the main entryway and accessible to all occupants. In addition, the facility features an outdoor walking trail that provides occupants with increased exposure to the outdoors, encourages physical activity and promotes social interaction. Both of these features contribute to enhanced physical and mental strength. MAPEI has also established policies to create healthy indoor and outdoor environments for building occupants, including policies on indoor air quality and green purchasing.

Fitwel's Seven Health Impact Categories:



Impacts Surrounding Community Health



Reduces Morbidity and Absenteeism



Supports Social Equity for Vulnerable Populations



Instills Feelings of Well-Being



Enhances Access to Healthy Foods



Promotes Occupant Safety



Increases Physical Activity



# PEOPLE

## Our communities

Giving back to the communities where we live and work is a core value for MAPEI. We truly believe in building better communities – through our products and our actions. As a corporation, we donate to a wide variety of local and national foundations and charities, ranging from helping victims of natural disasters to organizing and participating in charitable events to sponsoring events such as the UCI Cycling World Championship. When it comes to community service, MAPEI is there.

- Donations to the Gary Sinise Foundation's R.I.S.E. program for veterans
- Sponsor of and participant in Clean the World, a health-focused charity that collects unused toiletries and distributes them to homeless vets
- Donations to Red Cross Hurricane Relief Fund
- Sponsor of and participant in AEC Cares, where the construction industry unites for "blitz build" to improve outreach shelters
- Donations to local schools, shelters, food banks, etc.
- Participant in Concrete Cares, a charity focused on fighting childhood cancers
- Sponsor of the Canadian Concrete Canoe Competition between Canadian universities
- Sponsor of Club de Veló St-Joseph, the men's cycling club in Quebec
- Sponsor of Toronto Velodrome Club, the Olympic Track Cycling Pursuit Team
- Sponsor of Veneto Pee Wee Hockey Team (this Italian Pee Wee hockey team is sponsored by MAPEI Inc. at the Quebec International Pee Wee Hockey Championships)
- Participant in Concrete Industry Management (CIM), a college training program focused on concrete industry programs and degrees
- Sponsor of Italian Contemporary Film Festival in Toronto



# HOME, SWEET HOMES

MAPEI helps wounded warriors find comfort in new smart homes

## Support from the ground up

MAPEI has donated products to 31 R.I.S.E. (Restoring Independence Supporting Empowerment) smart homes throughout the United States. At the most recent home dedication, on March 14, 2019, MAPEI's support was again on display as company representatives helped to welcome United States Army Captain (Ret.) Jake Murphy to his new smart home in Flower Mound, TX.

A West Point graduate, Murphy was deployed to Kandahar, Afghanistan, as a commissioned infantry officer and served as the executive officer for his platoon. On July 23, 2011, while on a mission in the Regional Command South area, Murphy stepped on an IED. The resulting blast cost Murphy both of his legs and caused a brain injury that put him in a monthlong coma. He was evacuated to Germany. "When you're sent to Germany, it pretty much means you're about to breathe your last," Murphy said. His parents and girlfriend (now wife) Lisa immediately flew to his side only to be told he might never wake up. Murphy proved the doctors wrong, waking from his coma after four weeks to be flown to Walter Reed National Military Medical Center – a double amputee with the determination to live. He married Lisa, learned to walk with prosthetic legs and started a family, but he faced the challenge of living in a non-wheelchair-accessible home. Enter the Gary Sinise Foundation's R.I.S.E. program, the customized house, and the home dedication ceremony on a sunny morning.



Although Sinise was unable to attend the event, he sent a letter that read, in part: "Special individuals like Jake Murphy willingly place themselves in harm's way on dangerous battlefields around the world to make our lives safer here at home. I personally believe that, as citizens who benefit from the service and sacrifice of these brave heroes, serving and honoring the needs of our military service members, and their families, before, during, and after the battle, is something we can all share."



Captain (Ret.) Jake Murphy,  
Lisa Murphy and their children

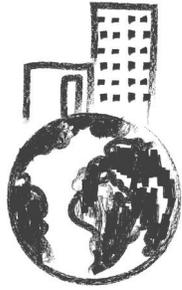
"We can always do more to ensure our returning warriors are welcomed back into their communities with the resources to begin a new life."

Murphy was humble in his gratitude. "This new smart house will make life a little easier," he said. "I can't say enough how great this place is."





# PLANET



## A cradle-to-grave approach to operational sustainability

MAPEI ensures that our triple bottom line – People, Planet, Products – operates in a manner that reduces pollution, minimizes environmental impact and effectively uses resources. From R&D to production to delivery, our products are designed to provide strength, as well as to be environmentally responsible.

Even our facilities are included in sustainable goals – nine of our manufacturing sites in North America as well as our corporate headquarters are ISO 14001-certified. Other sites will be certified in the near future.

## Reducing our carbon footprint

In order to reduce our carbon footprint, MAPEI monitor key performance indicators (KPIs) at all of our facilities. These indicators include electricity, gas, waste, freight transportation and employee transportation (business trips). By tracking these main contributors to our carbon footprint, we can continuously improve it.

### Overall carbon footprint

(lbs. of CO<sub>2</sub>/1,000 lbs. of product produced):

26%

REDUCTION

from 2010 to 2018

### Waste to landfill

(lbs. of waste generated / lbs. of product produced):

32%

REDUCTION

from 2010 to 2018

### Energy consumption

(kWh per lb.) for product production:

25%

REDUCTION

from 2010 to 2018

### Fuel consumption

(gallons per lb.) for outbound freight:

44%

REDUCTION

from 2010 to 2018

### Natural gas consumption

(Therms per lb.) for product production:

29%

REDUCTION

from 2010 to 2018

## Maximizing our social/environmental impact

Beyond reducing our footprint, we look for ways to increase our “handprint” by demonstrating our social (giving back to our communities) and our environmental (our sustainability efforts in our plants) impact as well as creating innovative, sustainable products for our consumers to reduce their footprints and maximize their handprints.

Sustainability initiatives of MAPEI's plants\* are designed to align with and improve economic, environmental and social sustainability (our 3 P's: People, Planet, Products):

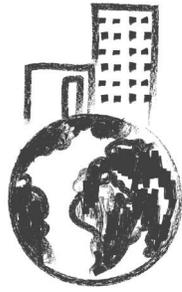


- Reduce, reuse and recycle, where applicable, to conserve natural resources, landfill space and energy.
- Reduce water consumption in our manufacturing process as well as our facilities, including installing water-efficient plumbing fixtures and drip irrigation.
- Install solar-powered and LED lighting to reduce energy consumption.
- Reduce product sampling to reduce waste and emissions associated with transportation.
- Reduce and reuse packaging to improve resource efficiency and reduce our carbon and environmental footprint.
- Use shredded paper, an eco-friendly alternative to bubble wrap, for shipments.
- Plant trees to improve community appearances and our air quality.





# PLANET



## SUSTAINABLE PRODUCTION

MAPEI's R&D creates products that are on the leading edge of sustainable science. These products are developed to reduce the environmental impact in their ingredients and their packaging.

### PLANET FRIENDLY PROCESSES

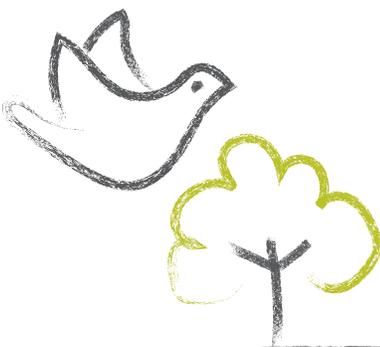
"Sustainable chemistry" is key at MAPEI for providing sustainable solutions with low VOC emissions as well as responsible raw-material sourcing with an emphasis on recycled content. The company's R&D chemists review product formulations in light of the latest published research to minimize the use of raw materials that are hazardous to humans and the environment. MAPEI's goal is to utilize materials that are less hazardous, yet still provide the performance requirements for the intended product application.

### PRODUCTION

To maintain the integrity of each formulation, a quality-control laboratory is a vital part of every MAPEI manufacturing facility. QC chemists evaluate all incoming raw materials before they are used in the production of mortars, grouts, adhesives, waterproofing materials and other products. As finished work comes off of the production line, samples of all products are tested again to ensure that they meet the requirements of their formulas.

### PACKAGING FOR ECO-SUSTAINABILITY

Following extensive research and consultation, MAPEI transitioned from using nonrecyclable, plastic-lined paper bags to 100%-recyclable, vacuum-sealed plastic bags for product packaging. The move to plastic bags helped to extend product shelf life, eliminate leakage and better protect products from environmental intrusion, making them more suitable for outdoor storage. MAPEI believes that preventing unused product from spoilage and waste is a crucial step in environmental responsibility. Changing the production process was a trailblazing move in MAPEI's efforts to lead its industry in sustainability.



# ON A GLOBAL LEVEL

In our commitment to sustainability, MAPEI has remained true to our primary goal: Striving for excellence in everything we do.

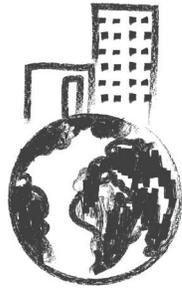
The creation of high-quality and innovative products that could meet and even anticipate the market's needs has always been MAPEI's main goal. Our research groups focus on creating a wide portfolio of efficient and durable products. Sustainability is also a crucial product attribute, expressed by MAPEI through:

- Particular attention and investment of resources in identifying and evaluating the different types of impact caused by the company's products.
- An active contribution in reducing environmental impact caused by the products' life cycle, with special attention to raw materials and to both a recovery of waste and a reduction in the consumption of virgin material.
- Solutions to reduce the environmental impact of buildings and improve safety and comfort for their inhabitants, as well as for workers involved in their construction and restoration.
- Technical sustainability training aimed at giving an adequate level of knowledge of MAPEI solutions, thus improving sustainability awareness and technical skills in the building industry.



SOCIAL  
COMMUNITY  
PRODUCTS  
HEALTH  
TRANSPARENCY  
LEADERSHIP  
GREEN  
PLANET  
RESPONSIBILITY  
COMMITMENT  
PEOPLE  
MINDFUL  
ENVIRONMENT  
QUALITY

# PLANET



## Management and quality control systems

When it comes to production, MAPEI's activity management is mainly divided into two aspects of sustainability:

- Adopting responsible management criteria to monitor environmental impact and to safeguard the health and safety of employees and the surrounding area.
- Ensuring the efficiency of manufacturing processes by carrying out timely, constant quality control on products.

To attain these goals, MAPEI has always promoted the implementation of management systems, such as operating tools, and quality control carried out by laboratories in all production sites.

## Management of environmental impacts during production process

A chemical company like MAPEI inevitably generates environmental impact through its production processes, such as the consumption of natural raw materials, water and energy resources, and the generation of waste. MAPEI's Sustainability Report demonstrates the company's commitment to environmental protection. Thanks to the gathering and periodical analysis of environmental data, carried out both by the Italian parent company and its subsidiaries, MAPEI is able to evaluate its impact and take measures to reduce it at all levels.



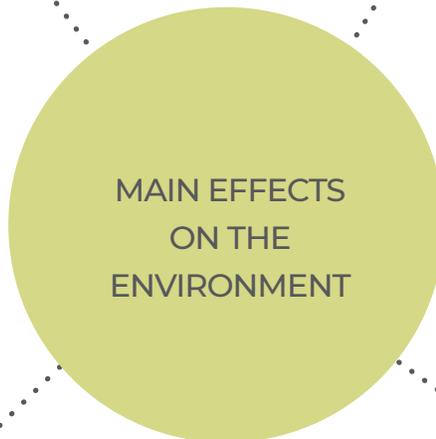
### Waste

PRODUCTION OF WASTE



### Energy

ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS



### Emissions in the atmosphere

POLLUTING EMISSIONS IN THE ATMOSPHERE



### Water

WATER CONSUMPTION AND DISCHARGE





# PRODUCTS



**MAPEI leads the industry in product transparency, which is now a major focus of LEED, the Living Building Challenge, the WELL Building Standard and other standards.**

From material sourcing through packaging disposal, transparency of a product at each stage of its life cycle has become a critical driver in specifying building products/materials and purchasing. As proof of our commitment to sustainability, MAPEI offers the following current and relevant third-party-verified certifications and sustainable attributes, such as:

- Environmental Product Declarations (EPDs)
- Manufacturers' Inventory (MIs)
- Low VOC emissions certifications / compliance with CDPH Standard Method v1.2-2017
- Recycled content
- Green Squared
- Red List Free

Plus, MAPEI produces a wide variety of products that meet or exceed the stringent requirements of green-building standards and certification programs.



## Environmental Product Declarations (EPDs)

MAPEI is committed to transparency, from the selection of raw materials to the jobsite delivery of finished products. One measure of this commitment is our offering of Environmental Production Declarations (EPDs). An EPD is a voluntarily developed, comprehensive report prepared according to international standards (such as ISO 14025 and EN 15804). EPDs document the ways in which a product, throughout its life cycle, affects the environment.

### Industry-Wide (Generic) EPD –

Products with third-party certification, including external verification, in which the manufacturer is explicitly recognized as a participant by the program operator.

In 2014, Tile Council of North America (TCNA) released 3 industry-wide EPDs for Ceramic Tile, Cement Grout and Cement Mortar for Tile Installation in North America. These EPDs address everything from sourcing and extraction of raw materials to end-of-life options. MAPEI contributes to the development of EPDs for Cement Grout and Cement Mortar for Tile Installation.

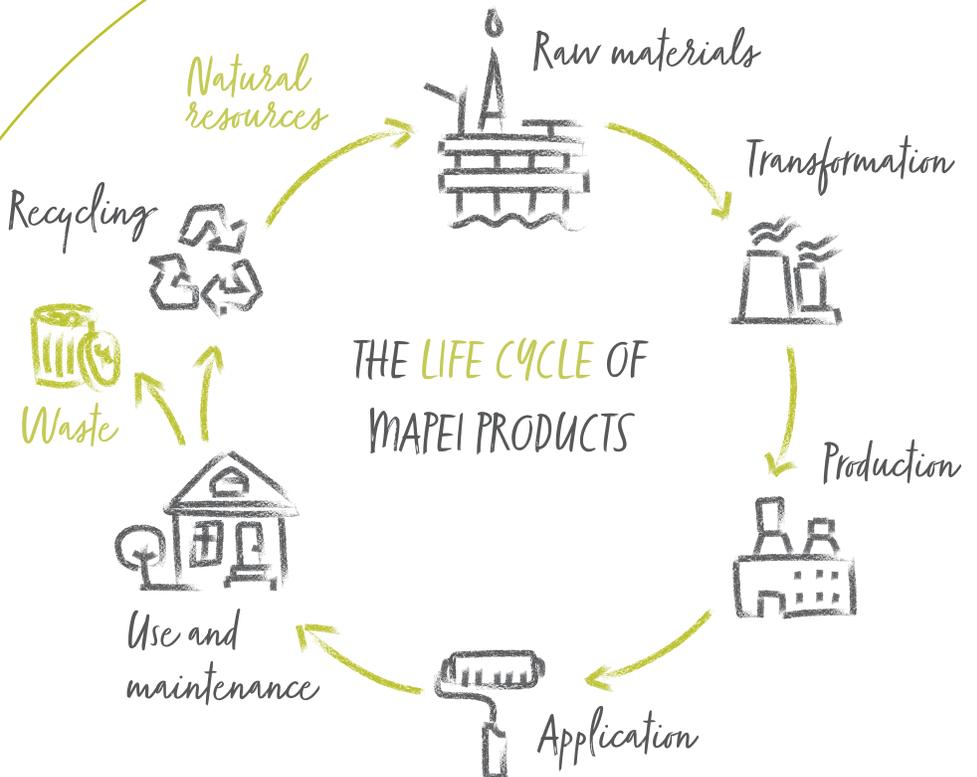
### Product-Specific Type III EPD –

Products with third-party certification, including external verification, in which the manufacturer is explicitly recognized as the participant by the program operator.

MAPEI has gone beyond TCNA's industry-wide EPD to publish product-specific EPDs. Product-Specific Type III declarations can further contribute to LEED credits. In 2016, MAPEI S.p.A. became EPD Process Certified, meaning that our internal processes to produce EPDs on a large scale have been third-party-verified by the International EPD System.



In an effort to create industry-wide transparency, MAPEI assisted the Tile Council of North America (TCNA) in establishing the first industry-wide EPDs. EPDs help customers, architects, designers and contractors to have a better understanding of a product's sustainability characteristics and its impact on the environment. MAPEI provides Industry-Wide and Product-Specific Type III EPDs for a wide selection of products. These can be requested through MAPEI's Sustainability Team. LEED defines these EPDs as follows:





# PRODUCTS



## Manufacturers' Inventory (MI)

### Material Ingredients

MAPEI believes in transparency throughout all of our processes. To that end, we manufacture our products using sustainable, low-VOC and recycled materials whenever possible. We provide multiple forms of third-party-certified proof of this fact. In addition to EPDs and low-VOC emissions certifications, we offer Manufacturers' Inventories (MI).

### Manufacturers' Inventory

The Manufacturers' Inventory (MI) is a transparency document that shows the ingredients in a product, as well as any associated hazards. MIs give MAPEI the freedom to develop a reporting document that aligns with mandatory regulatory chemical audit methodologies, while providing the same required information and verification rigor as other material ingredient reporting options (such as HPDs, Cradle to Cradle and Declare).

MAPEI publicly discloses product inventories to 1,000 ppm. Recently, MAPEI was provided with the methods and the means to produce its own MIs in-house; they are third-party-verified through GreenCircle Certified.

In addition to MIs, MAPEI products contribute to the International Living Future Institute's Red List Free requirements. MAPEI will work with project teams to find appropriate alternatives that meet the International Living Future Institute's Living Building Challenge (LBC) building certification or Living Product Challenge (LPC) product certification.



To request MAPEI's MIs or check for Red List chemicals, please contact MAPEI's Sustainability Team at [sustainability\\_USA@mapei.com](mailto:sustainability_USA@mapei.com) (USA) or [sustainability-durabilite@mapei.com](mailto:sustainability-durabilite@mapei.com) (Canada).

What MAPEI's MIs include:

- Product ingredients associated with Green Building Standards, including the Living Building Challenge (LBC), LEED v4 and the WELL Building Standard
- Product ingredient Chemical Abstracts Service Registry Numbers (CASRN)
- Third-party verification through GreenCircle Certified

MAPEI's MI reports can be requested through MAPEI's Sustainability Department.



## Indoor Environmental Quality

MAPEI provides a wide selection of products with low VOC content and low VOC emissions. Many MAPEI products carry The **Carpet and Rug Institute's** (CRI) Green Label Plus certification and/or **SCS Global Services' Indoor Advantage Gold** certification, both signifying low VOC emissions and compliance with California Department of Public Health (CDPH) Standard Method v1.2 (widely known as CA Section 01350). CDPH Standard Method v1.2 is the most widely used standard in North America for VOC testing and for evaluation of VOC emissions for building products, including flooring adhesives and sealants.



Additionally, MAPEI performs in-house chamber testing of VOC emissions for our mortars, grouts, patching compounds and self-leveling products.

## Green Squared Certification

The Green Squared certification is the tile industry's first multi-attribute sustainability certification. This certification was developed by the Tile Council of North America (TCNA) to recognize tile and tile-setting materials are in conformance with ANSI A138.1 (a sustainability-product standard) and third party certified to that standard.

Green Squared certification provides authenticity that manufacturers have met the criteria in all categories, including environmental product characteristics, environmental product manufacturing, raw-material extractions, end-of-productlife management, progressive corporate governance and innovation.

In 2014, MAPEI received TCNA's Green Squared certification for TCNA's first tile and stone installation product – *MAPEI Ultralite™ Mortar*. MAPEI has since been awarded additional Green Squared certifications.





# PRODUCTS



## Recycled Content

Recycled content refers to the portion of materials used in a product that has been diverted from the solid waste stream. If the content is diverted during the manufacturing process, it is referred to as “pre-consumer” recycled content. If it is diverted after consumer use, it is considered “post-consumer.”

Both pre-consumer and post-consumer content is valuable, and both types play important roles in promoting sustainable practices. Using recycled content has many significant environmental advantages, such as reducing environmental impacts resulting from extraction and processing of virgin materials.

Examples of MAPEI's dedication to recycling and recycled-content include:

- MAPEI's *Mapesonic™ RM* line of sound-reducing products utilizes post-consumer content. These underlayments are made from 83% postconsumer recycled content. For every 100,000 sq. ft. (9 290 m<sup>2</sup>) of *Mapesonic RM 2* that is installed, approximately 1,400 tires are diverted from a landfill.

MAPEI provides a wide selection of products with recycled content. Details can be requested through MAPEI's Sustainability Team.

## GreenCircle Certification System

GreenCircle Certified, LLC certifies that an independent, third-party evaluation has been conducted for:

### MAPEI

#### Mapesonic RM

This product meets all the necessary qualifications to be certified for the following claims:

**89% Recycled Content**

Minimum 0% Pre-Consumer Content

Minimum 89% Post-Consumer Content

*Certification Period: June 1, 2020 - May 31, 2021*

*Certification Number: 20-0157*

*Referenced Standards: ISO14021 and FTC Green Guides*



*Tad Radzinski*  
Tad Radzinski, PE, LEED AP, SFP  
Certification Officer

**GreenCircle  
CERTIFIED**  
155 Railroad Plaza, Royersford PA 19468



## Sustainable attributes

At MAPEI, we build sustainability into everything we do. We are committed to protecting the earth, using energy and resources sustainably, minimizing waste, and developing and supplying products with user safety in mind, while being good corporate citizens. But don't take our word for it. Ask our third-party colleagues and certification boards. We are proud of our transparency.

For additional information including other green-building standards and certification program contributions, contact Sustainability\_USA@MAPEI.com



## mindful MATERIALS (mM)

MAPEI is proud to participate in mindful MATERIALS ([www.mindfulmaterials.com](http://www.mindfulmaterials.com)). This free, third-party platform contains aggregated information on the environmental and health impacts of products from leading industry manufacturers. Inclusion in mM is not a certification, but the platform is a certification library designed to showcase product transparency and information, allowing manufacturers and industry professionals to easily search for sustainable products.



### MATERIAL INGREDIENTS

- C2C Certified™
- C2C Material Health Certification
- Declare™
- Health Product Declaration (HPD)
- LEEDv4 Material Ingredient List

### ENVIRONMENTAL PROFILE

- EPD - PS: ISO14025/EN15804
- EPD - IW: ISO14025/EN15804
- LCA - ISO 14040/14044

### VOCs

- VOC Content Reported
- VOC Emissions Certified

### MATERIAL SOURCING

- 100% FCS® Certified
- ANSI NSC 373 Natural Stone Std.
- Post-Consumer Recycled
- Pre-Consumer Recycled

### OTHER INFORMATION

- Manufacturer Location Disclosed

# How sustainability is our priority

## 10 examples of MAPEI's commitment to sustainable practices

1

**Fitwel certification**, which MAPEI successfully achieved by incorporating evidence-based design and policy strategies that support the physical, mental and social health of the occupants in MAPEI's corporate headquarters in Deerfield Beach, FL. This recognition reinforces MAPEI's commitment to providing a healthy workplace for its employees.

2

**Ultralite Technology™**, used in the production of lightweight adhesives, offering higher yield, less effort and less environmental impact during transport

3

**Development of eco-sustainable, environment-friendly products**, which accounts for 70% of R&D investments

4

**Improved indoor air quality**, resulting from research and development of product formulations with extremely low emissions of volatile organic compounds (VOCs), starting with the *Ultrabond ECO®* line in the 1980s

5

**Certification of MAPEI facilities** to ISO 9001 and ISO 14001 quality standards

6

**Logistics and shipping strategies** that reduce the consumption of fuel and pollutants by promoting the use of rail transport instead of road transport

7

**Reduce, reuse, recycle" strategies** involving reduction of solid waste and wastewater as well as the use of recycled content and recyclable packaging when producing MAPEI products

8

**Energy-saving solutions** for existing buildings and strategies for constructing energy-saving new buildings

9

**Supporting green-building standards and certification systems** such as USGBC's Leadership for Energy and Environmental Design (LEED), ILFI's Living Building Challenge (LBC) and IWBI's WELL Building Standard

10

**Life-cycle assessment** of MAPEI products by a dedicated team specializing in evaluating environmental impact



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