pam building

LEADING PLAYER SINCE CENTURIES

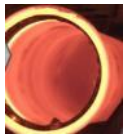
1513
Creation of Bayard plant

1856
Creation of Pont-à-Mousson plant

1866
Production of 1st cast iron pipes

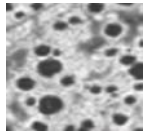
1870
1st exportations

1927
Acquisition of centrifugation process licence



1933
Creation of **R&D centre**

1950
Licence agreement for ductile iron



1970
PAM joins Saint-Gobain : Industrialisation of ductile iron

SAINT-GOBAIN

2002
Product Innovation policy

2011
Joining :

PAM SAINT-GOBAIN

2021
PAM Building as a proper Saint-Gobain brand

pam building SAINT-GOBAIN

2024

Pam Building enters a new chapter of its history with the support of the investment funds Aldebaran & Bpifrance

aldebaran.

bpifrance

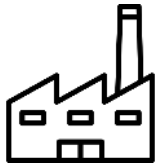
COMMITTED TO SUSTAINABILITY AND PRODUCT EXCELLENCE

For 150 years, we have been designing, manufacturing and supplying high-quality drainage systems for residential and commercial buildings and engineering structures. We work exclusively with cast iron, a noble and durable material, of which we are a specialist and leader.

- As a leading manufacturer, we claim excellence in our processes, products and services.
- As a responsible manufacturer, we are at the forefront of sustainable performance to help reduce the carbon footprint of the construction sector
- As an innovative manufacturer, we put all our creative audacity into developing new, more specific and more efficient technologies, to deliver better products for your future needs.

PAM BUILDING IN FIGURES

A company built on the strength of its people, established in 3 major countries: **France**, **England** and **Germany**, and servicing the world.



2 manufacturing sites for our products:
Bayard sur Marne in France, **Telford** in England
1 logistics platform : **Cologne** in Germany

Over **400** **employees**

35% **female** managers

110 million €
of **turnover** in 2023

Sales in more than **50 countries**

1/3 **internships and workstudy contracts** converted to full employment contracts

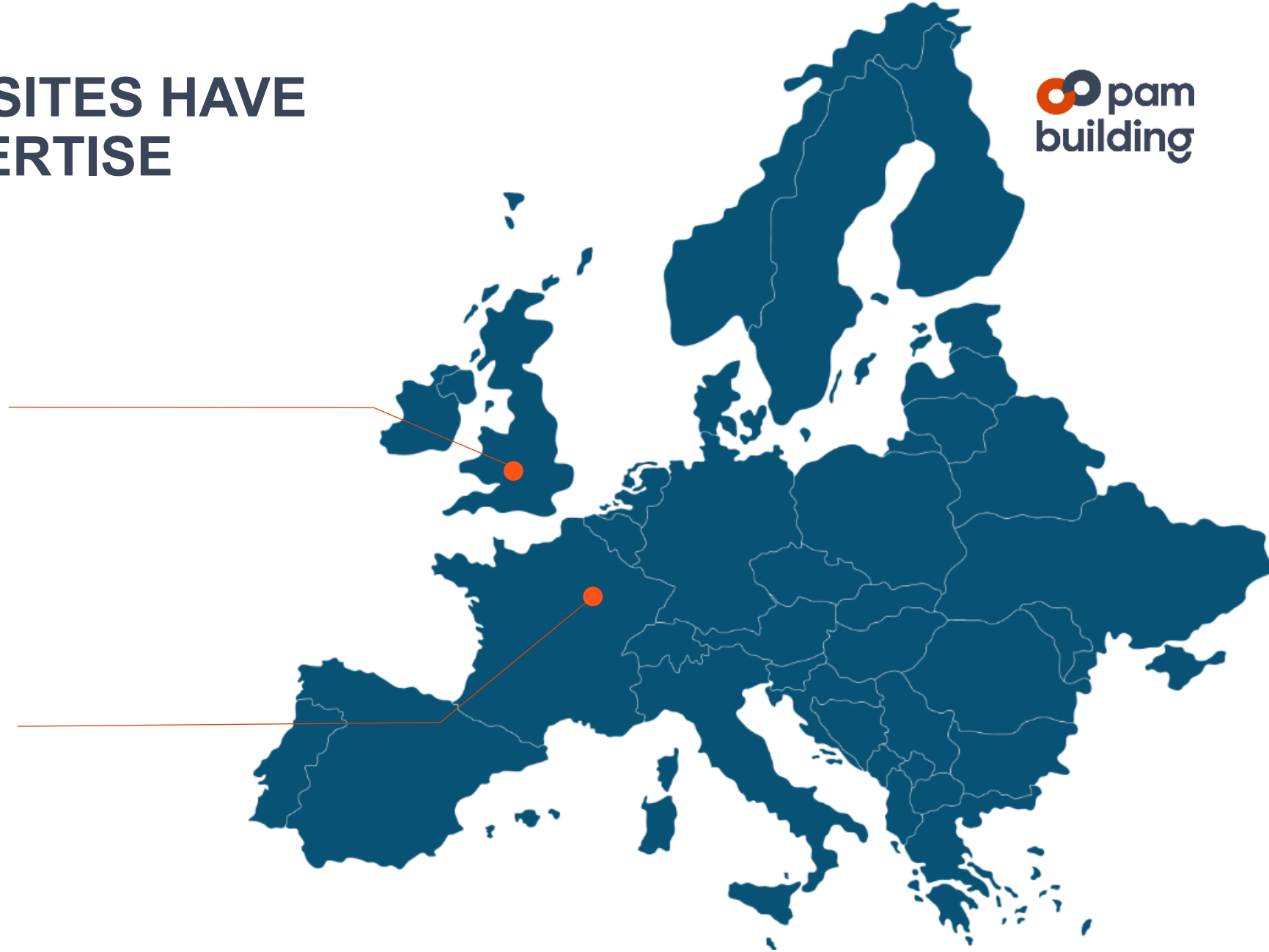
1st **business in the cast iron industry**
to have published a third-party validated Environmental Product Declaration (EPD)

+38 : our indicator « Employee Net Promoter » that reflects the number of staff willing to become Ambassadors of the company (on a scale of -100 to +100)

OUR PRODUCTION SITES HAVE 500 YEARS OF EXPERTISE

TELFORD
United-Kingdom
Founded in 1790

BAYARD S/ MARNE
France
Founded in 1513



PROVIDING HIGH QUALITY SUPPORT TO OUR CUSTOMER

100% Pam system - 100% guaranteed performances

Only the exclusive combination of PAM products (pipes, fittings, couplings) and the respect of the implementation rules guarantees you results in accordance with the test reports from PAM and allows you to benefit from the 10 years warranty.

Pre-assembly stack systems

We help you reduce installation time of above ground drainage and soil systems by up to 60%.

A shorter installation time, fewer movements and less space used lowers the risk for construction teams.

PROVIDING HIGH QUALITY SUPPORT TO OUR CUSTOMER

Technical advice and support

Diagnostic: We accompany your project with technical studies to find the best product matching to your project .

Design: A team of engineers and technicians provide technical support during the design, implementation and after-sales phases .

Digital Services

Webplatform: A complete and integrated website in which customers can find all information and support about products, as well as developed tools to carry out their projects.

YouTube tutorials: watch on our YouTube channel our tutorials on the installation of cast iron pipes, High Pressure couplings, GRIP collars, etc.

BIM : we share free BIM objects for all building industry actors. Download BIM files, descriptions and contacts for the products and systems of our brands.

pam building

1. Proud to be Pam Building
2. Sustainable engagements
3. A comprehensive cast iron pipe offer
4. Our solutions
5. Case studies

Safe
& forever
circular

COMMITTED TO REDUCE OUR IMPACT ON THE ENVIRONMENT

Our 2030 objectives vs 2017

Our commitment to reduce CO2 emissions by 2030:

-80% vs 2017

Bayard-sur-Marne

2023 progress vs 2017

-24% **-50%** **-70%**

Telford

2023 progress vs 2017

-80% **-50%** **-100%**

Some key actions to achieve our targets:

- **Innovation:** The Agilium® range launched in 2023 enable a reduction of CO2 emissions by 30% compared with the standard range
- **Production:** An electric power furnace is in project for 2028-2030 at our Bayard-sur-Marne plant
- **Purchasing:** Maintain our green electricity supply in our Telford plant where there is already an electric furnace

AT THE HEART OF THE CIRCULAR ECONOMY, PAM BUILDING'S DNA IS IN THE RECYCLING OF WASTE METAL

Our motto reflects the reality of its industry: to build safe buildings for its occupants and owners, while creating a long-term positive impact on the environment.

Our products are made up **of 99% recycled materials** (mostly ferrous metal scrap), which **can be recycled over and over again.**

Durable, reliable and long-lasting, cast iron has a bright future ahead of it as a simple and sustainable system approach that gives your building project an intelligent reuse of materials.

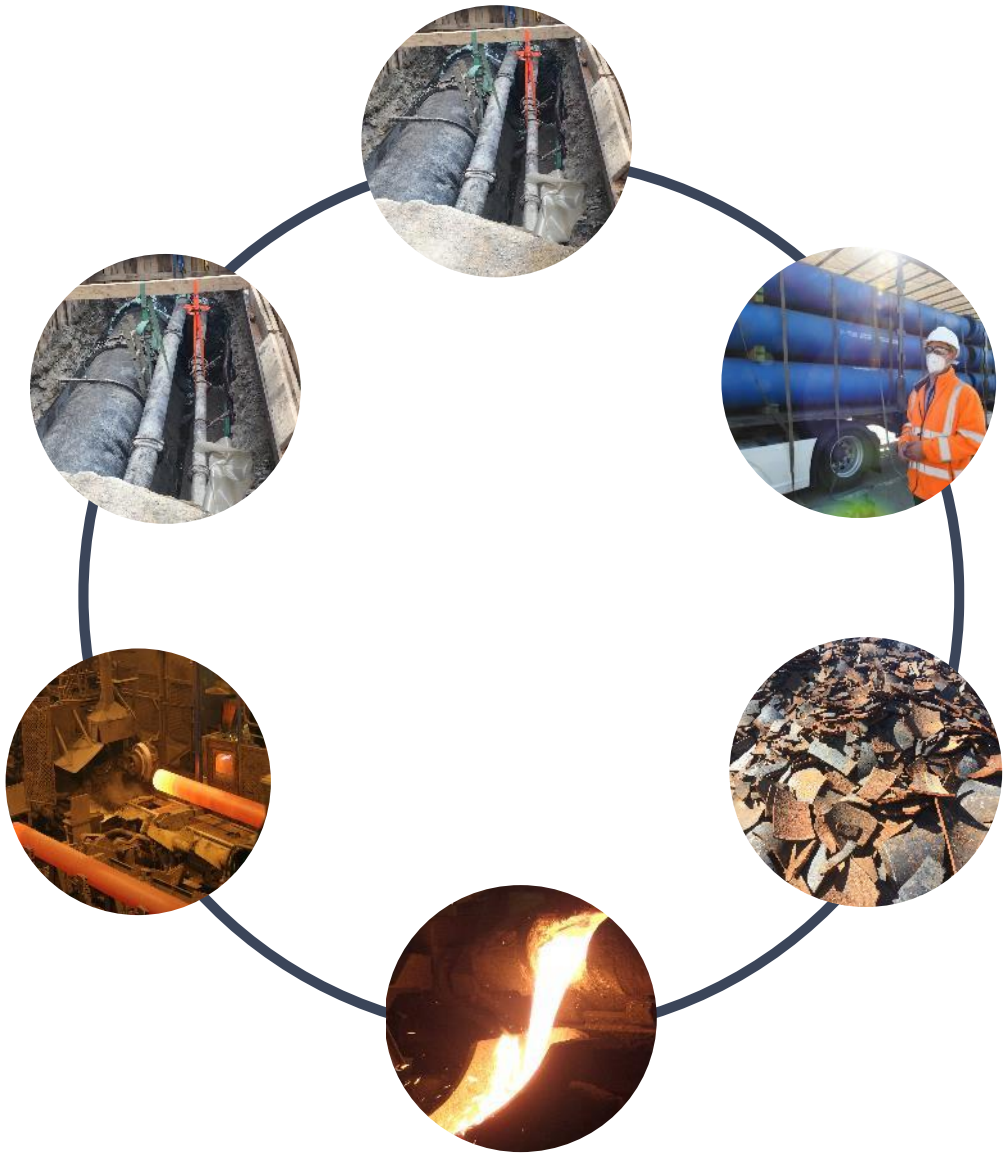
In a year, we recycle the equivalent of 18 000 cars on average.

Safe
& forever
circular

CIRCULAR ECONOMY

We also recycled the **Old Parisian drinking water network** in our Bayard plant.

The Parisian drinking water network pipes is principally made of cast iron from different technological developments since the 19th century and located in the sewer galleries.



COMMITTED TO THE SAFETY AND DURABILITY OF BUILDINGS

Tanjong Pagar Center – Singapore
Offices

Palladium Tower – Turkey
Offices + shopping mall

Saint-Gobain Tower - France
Offices

The exceptional characteristics of cast iron solutions and systems allow them to :

→ Contribute to the main green building labels

→ Be compliant with international standards

The Environmental Product Declaration (EPD) is certified by third party, available on the Environdec platform : www.environdec.com for S and PLUS ranges.

EPD VERIFIED

pam building

HIGHLY PERFORMANT RANGES

Performance certified and **products technically** approved by the most demanding international third parties according to the EN877 standard

FRANCE
NF

GERMANY
RAL-GEG

UK
KITEMARK

SWITZERLAND
SWISS QUALITY

NORWAY
SINTEF

RUSSIA
GOST

AUSTRALIA
WATERMARK

Management system for **quality**, **energy** and **environment** that contributes to the continuous improvement of our activity

ISO 9001

ISO 14001

ISO 50001

BES 6001 Responsible Sourcing

CAST IRON, A RELIABLE MATERIAL

Fire resistance
Ensures maximum safety to the building occupants.

Chemical and corrosion resistance
Resistant to aggressive and non aggressive effluents thanks to their coatings performances.

Acoustic comfort
Without the need of expensive insulation supporting a noise free environment.

Ease of installation
Easy to install systems on work sites and ensure installers' safety.

Durability
Durable and long lasting products saving long term financial resources. Watertightness, resistance to thermal expansion and internal pressure.

Sustainable material
Made from 99% recycled content and 100% recyclable.

Minimal maintenance
Minimal maintenance during the lifetime of the building in normal conditions.

Compliance
Manufacturing process and products are in compliance with international standards.

CAST IRON, A RELIABLE MATERIAL

Non residential

→ Airports
→ Hospitals
→ Shopping Centre
→ Hotels
→ Offices
→ Collective Kitchen
→ Parkings

Residential

→ Housing
→ Kitchens
→ Parkings

Infrastructure

→ Bridges
→ Tunnels

pam building

OUR RECENT SOLUTIONS

AGILIUM®

The **AGILIUM®** range is our new cast iron drainage system which weight has been reduced by **30%** compared to the standard range (pipes).

ITINERO®

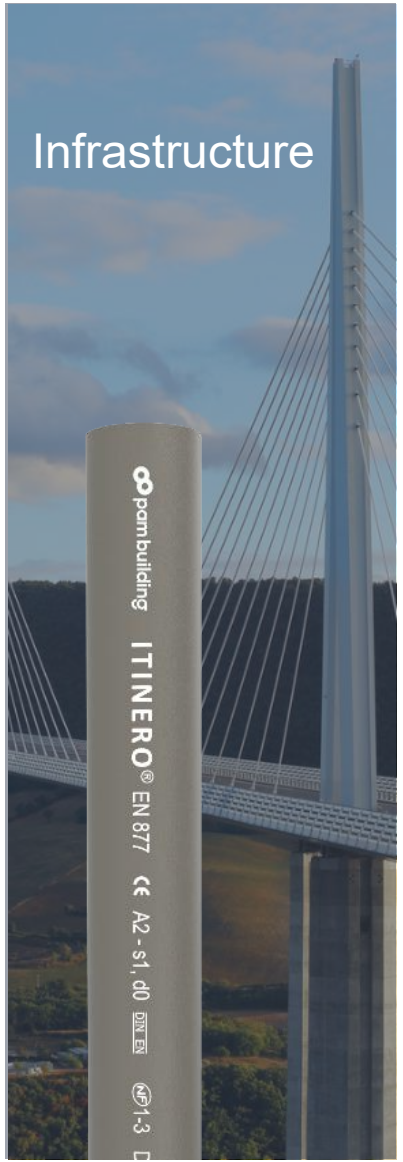
ITINERO® drainage system is specially designed for **civil engineering structures and bridges**. The range has been extended with new pipe diameters DN125, DN500, DN600 and more fitting designs. **Corrosion resistance** has been further improved through the combination of a zinc layer and a thick epoxy outer coating designed to resist exhaust gases, air pollution, and snow-clearance salts in winter.

HIGH-PRESSURE COUPLINGS

Ideal for connection between pipe ends, fittings and/or other accessories from PAM Building, where pressure can occur.

PAM HP couplings are recommended for straight runs. And PAM HP GRIP couplings are recommended in sections where thrust forces have to be addressed. They are an alternative solution for **securing junctions** whilst addressing pressure. The PAM HP GRIP couplings are **self-anchored with built-in claw rings.**

APPLICATION AREAS



STANDARD USE – S RANGE

The standard range for the transportation of fluid waste and rainwater through buildings.

Recommended use

Domestic effluents : grey water, black water and rainwater

Commercial, public and residential buildings, particularly medium- to high-rise buildings which require robust and safe solutions for basements and lower levels to vertical risers : Offices, shopping centers, housing, airports, hotels, public buildings, stadiums

Certified performance

ISSN 0335-3931

norme française

NF EN 877

Octobre 2021

Indice de classement : A 48-720

Easy maintenance & installation

→ **Ease of installation** due to the mechanical couplings assembled with simple tools

→ **Adaptable to all configurations** with available accessories connecting cast iron with other materials

→ **Limited maintenance operations** thanks to the technical and mechanical properties of cast iron.

Fire safety

Euroclass A1 (non-combustible) and fire resistance up to 240 minutes depending on the configuration (generally requires no special fire protection saving time and costs

Chemical & corrosion resistance

→ Hot water resistance: 24 h at 95°C

→ Thermal cycle resistance: 1,500 cycles between 15°C and 93°C

→ Chemical resistance for 2 ≤ pH ≤ 12

Acoustic comfort

→ Lsc,A < 10 dB (A) according to EN 14366

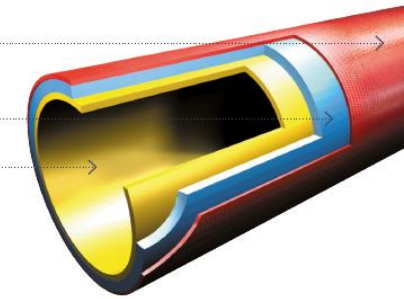
Environment

→ Recycled content: 99%

→ Fully recyclable

Coatings

- **External coating:** Red-brown, acrylic primer paint, average dry film thickness 40 µm.
- **Cast iron** Made with the De Lavaud process
- **Internal coating** Two-component ochre-coloured epoxy coating, average dry film thickness of 130 µm.



AGILIUM®

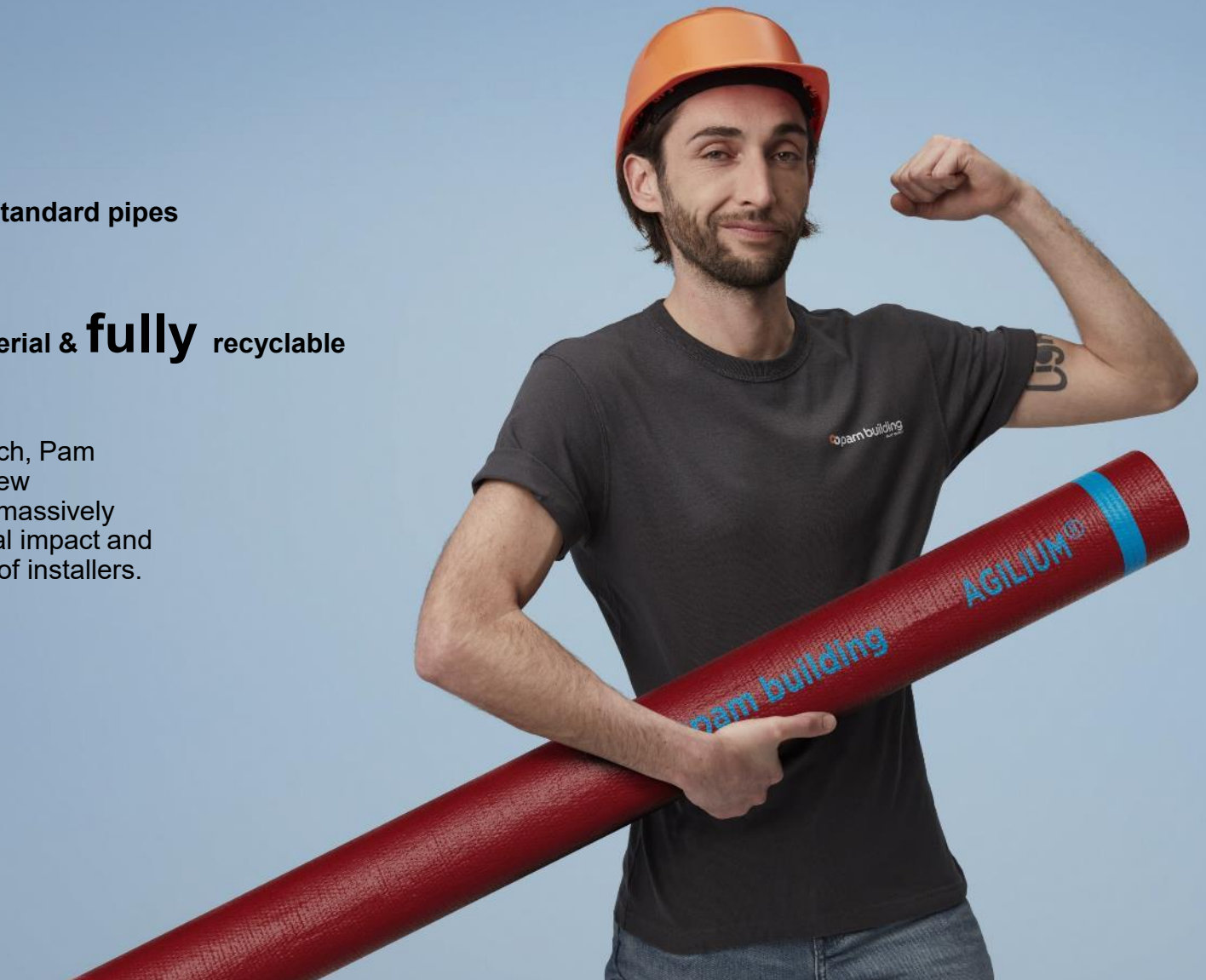
THE NEXT GENERATION OF CAST IRON

30% **lighter than standard pipes**

20% **less CO_2**

99% **recycled material & fully recyclable**

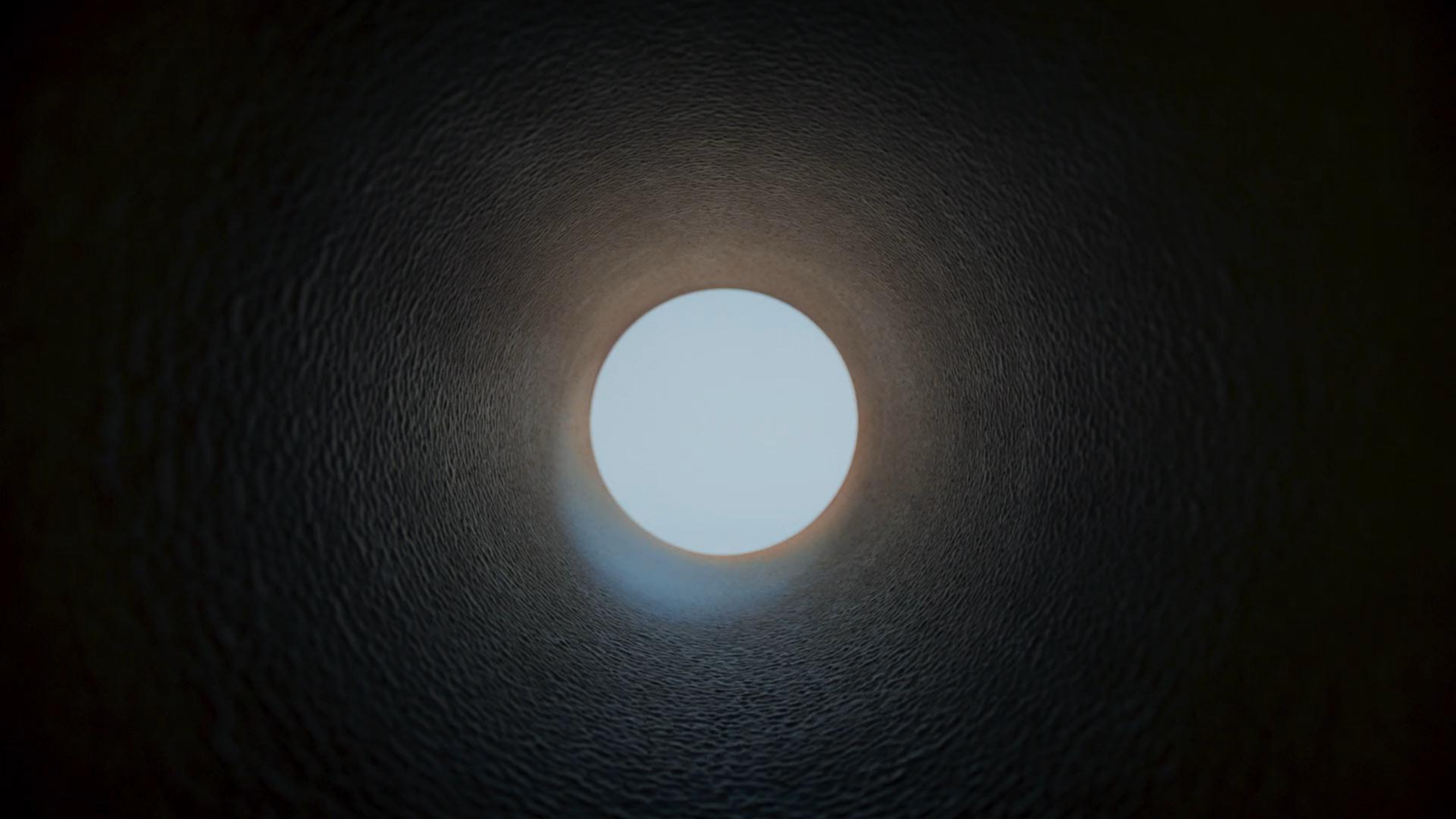
In an eco-design approach, Pam Building is launching a new evacuation solution that massively reduces its environmental impact and facilitates the daily work of installers.



FOR PLUMBERS
Easier to carry with a **weight reduction of 30%**
Faster to install with **less time spent** on pipe handling

FOR DESIGN OFFICES
More agility with a **space-saving in increasingly more constrained spaces**

FOR PROJECT OWNERS
Better environmental compliance with a **20% reduction in carbon emissions**



DOMESTIC USE : AGILIUM®

Recommended use

Domestic use: Wastewater, rainwater, runoff water, hot effluents

Commercial, public and residential buildings, particularly medium- to high-rise buildings which require robust and safe solutions for basements and lower levels to vertical risers : Offices, shopping centers, housing, airports, hotels, public buildings, stadiums

Certified performance

norme française — NF EN 877 Octobre 2021

Easy maintenance & installation

→ **30% weight reduction of the pipes and 15% for the fittings** compared to standard range : a 3m Agilium® DN100 pipe weighs just 17 kg, compared to 24 kg for the standard range.

→ Due to their exceptional mechanical properties, cast iron drainage systems prevent the worry of untimely and costly repairs.

→ Possibility to :

- Mix Agilium® pipes with fitting
- Mix pipes of the standard range with Agilium® fittings
- Use most standard joints
- Keep most of the reservations for standard range with Agilium®

Fire safety

Euroclass A1: Agilium® cast iron is a non-combustible metallic material with a fire resistance up to 4 hours to protect people and property.

Acoustic comfort

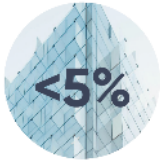
Lsc ≤ 13 dB(A) & LaA = 46 dB(A) according to EN 14366 with flow of 2l/s

Environment

Agilium® is our first eco-design, in line with our environmental roadmap. Our solution is made from **recycled materials** and is **fully recyclable.**

Less CO2 emissions compared to our current ranges

This performance is validated by comparing our new Agilium® **Environmental Product Declaration (EPD)** with the one previously available on the environdec database (www.environdec.com).



The plumbing package represents less than 5% of a building's C02 emissions (data from life cycle analysis), according to a sensitivity study conducted in France by the Bastide Bondoux, Pouget and Tribu design offices, on a 4-story office building (4,000 m2).

INTENSIVE USE : PLUS RANGE

Recommended use

→ Above- and below-ground applications when **exposed to hot and/or aggressive discharge**. When installed below ground in aggressive environments it is highly resistant to external stresses.
→ **Hospitals, laboratories and collective kitchens**

Certified performance

ISSN 0335-3931
norme française
NF EN 877
Octobre 2021
Indice de classement : A 48-720

Easy maintenance & installation

→ Long-lasting operational safety thanks to the robustness and stiffness (around 700 kN.m) of cast iron and the use of flexible mechanical couplings
→ Ease of installation due to mechanical couplings assembled with simple tools

Fire safety

Euroclass A2, s1-d0 reaction to fire and fire resistance up to 240 minutes depending on the configuration (generally requires no special fire protection,saving time and costs)

Chemical & corrosion resistance

→ Hot water resistance: 24 h at 95°C
→ Thermal cycle resistance: 1500 cycles between 15°C and 93°C
→ Chemical resistance for 2 ≤ pH ≤ 13 : up to 80°C (check resistance for more than 30 different effluents in the tables on p.56 and 57)
→ External coating corrosion resistance test to neutral salt spray according to standard NF-EN ISO 9227_2017: 2500 hours.

Acoustic comfort

Lsc,A < 10 dB (A) according to EN 14366

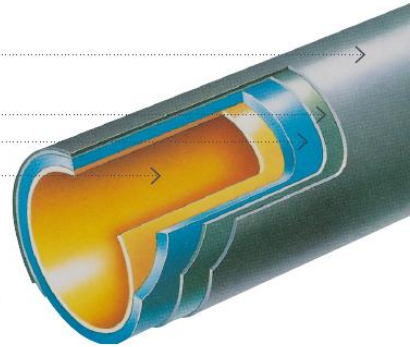
Environment

→ Recycled content: 99%
→ Fully recyclable

Coatings

- **External coating:** Grey, acrylic primer paint, average dry film thickness of 40 µm.
- **Anti-corrosive layer:** zinc coating of 130 g/m²
- **Cast iron :** Made with the De Lavaud process
- **Internal coating:** Two-component ochre-coloured epoxy coating applied in two layers, average dry film thickness of 250 µm

Fittings: Externally and internally coated with a grey powder epoxy to an average thickness of 300 µm.



INTENSIVE USE : ZN RANGE

Recommended use

Domestic use: Wastewater, rainwater, runoff water, hot effluents
Coastal areas, directly or indirectly exposed to climatic stresses polluted or confined atmospheres (cellars, crawl spaces), exposition to external aggressions during manufacturing processes and condensation.

Certified performance

Easy maintenance & installation

→ Long-lasting operational safety thanks to the robustness and stiffness (around 700 kN.m) of cast iron and the use of flexible mechanical couplings
→ Ease of installation due to mechanical couplings assembled with simple tools

Fire safety

Euroclass A2, s1-d0 reaction to fire and fire resistance up to 240 minutes depending on the configuration (generally requires no special fire protection,saving time and costs)

Chemical & corrosion resistance

→ Hot water resistance: 24 h at 95°C
→ Thermal cycle resistance: 1500 cycles between 15°C and 93°C
→ Chemical resistance for 2 ≤ pH ≤ 13 : up to 80°C (check resistance for more than 30 different effluents in the tables on p.56 and 57)
→ External coating corrosion resistance test to neutral salt spray according to standard NF-EN ISO 9227_2017: 2500 hours.

Acoustic comfort

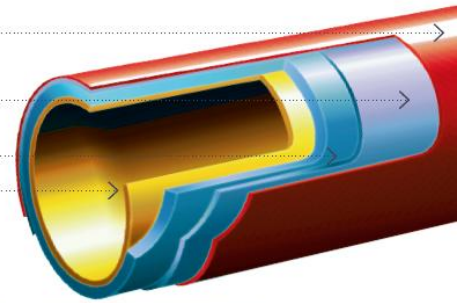
Lsc,A < 10 dB (A) according to EN 14366

Environment

→ Recycled content: 99%
→ Fully recyclable

Coatings

- **External coating:** Red-brown, acrylic primer paint, average dry film thickness 40 µm.
- **Anti-corrosive layer:** ame-applied zinc metal coating of 260 g/m² on average
- **Cast iron :** Made with the De Lavaud process
- **Internal coating:** Two-component ochre-coloured epoxy coating, average dry film thickness of 130 µm.



Fittings: Externally and internally coated in red epoxy to an average thickness of 70 µm.

INFRASTRUCTURE : ITINERO®

Recommended use

→ Suitable for many **bridge and tunnel designs** and adapted to renovation projects

→ Collecting and draining surface water from bridges, tunnels and viaducts, for new builds or renovation projects.

Certified performance

ISSN 0335-3931

norme française

NF EN 877
Octobre 2021

Indice de classement : **A 48-720**

Easy maintenance & installation

→ **Low maintenance** due to the best in class resistance to shocks and crushing

→ **Easy to install** due to mechanical couplings assembled with simple tools.

Chemical & corrosion resistance

→ Hot water resistance: 24 h at 95°C

→ Thermal cycle resistance: 1,500 cycles between 15°C and 93°C

→ Chemical resistance for 2 ≤ pH ≤ 12

→ External coating corrosion resistance test to neutral salt spray according to standard NF-EN ISO 9227_2017: 4500 hours.

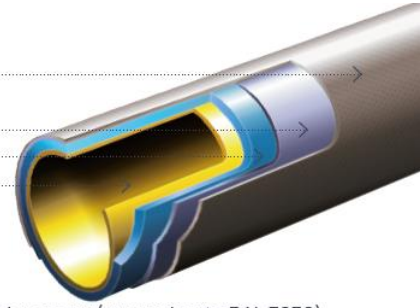
Environment

→ Recycled content: 99%

→ Fully recyclable

Coatings

- **External coating:** Grey (approximate RAL 7030), epoxy coating, average dry film thickness of 80 µm
- **Anti-corrosive:** zinc coating of 260 g/m² (about 40 µm)
- **Cast iron:** Made with the De Lavaud process
- **Internal coating:** epoxy coating, average dry film thickness of 130 µm.



Fittings: Externally and internally coated with a mat grey powder epoxy (approximate RAL 7030), to an average thickness of 300 µm.

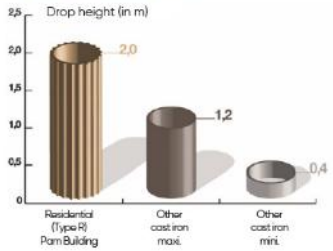
RAINWATER DRAINAGE
GRAVITARY USE – RAINWATER PIPES

Certified performance

→ Compliant with standard **EN 12056-3**

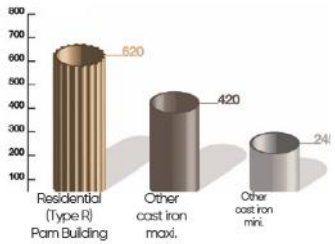
→ Long lifetime with high resistance to climatic stresses due to the zinc coating and the low thermal expansion coefficient of cast iron

Shock resistance



The test consists of dropping a mass of 2.75 kg on a descent at increasing heights until it breaks or cracks.
The average height of the fall for residential (Type R) is 2 to 5 times higher than for other products. Up to an average drop height of 2m, the Residential (Type R) deforms while the other products have cracked.

Crushing resistance



Easy maintenance & installation

→ Low maintenance due to the best in class resistance to shocks and crushing

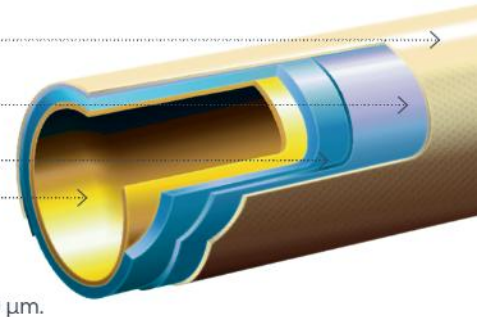
→ Ease of installation due to the push-fi t assembly system.

Environment

Recycled content:

Coatings

- **External coating:** light beige colour (RAL 7032), water-based coating of 40 µm.
- **Anti-corrosive layer:** flame-applied zinc metal coating of 130 g/m² on average
- **Cast iron:** Made with the De Lavaud process
- **Internal coating:** water-based coating of 40 µm.



Fittings: Cataphoresis 70 µm + water-based coating 60 µm.

RAINWATER DRAINAGE SIPHONIC SYSTEM : EPAMS ®

Recommended use

The EPAMS® siphonic roof drainage system is designed for the rapid evacuation of large volumes of water from flat roofs : gymnasiums, shopping centers, airports, and warehouses.
Its high flow rate and fewer downpipes compared to conventional gravity systems make it ideal for buildings that require efficient and reliable water drainage solutions.

Certified performance

→ EN 877: Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings.
→ EN 1253: Drains and siphons for buildings.
→ EN 12056: Gravity drainage systems inside buildings.
→ NF P 41-220 - DTU 60.2: Building works - cast iron fittings - sewage, rainwater, and sewage disposal - technical specifications.
→ NF P 40-202 - DTU 60.11: Calculation rules for plumbing and rainwater drainage installations.

Easy maintenance & installation

→ Ease of Installation: The system is composed of lightweight, small-section cast iron pipes that are easy to handle and assemble with PAM couplings and claw clamps. This reduces installation time and labor costs.
→ Reduced Maintenance Costs: Thanks to the reliability of our cast iron and the self-cleaning effect of high water flow speeds (up to 6 m/s), maintenance requirements are minimized. The integrated grating and anti-vortex mechanism allow for quick removal and reassembly, facilitating easy intervention and maintena.

Chemical & corrosion resistance

→ Hot water resistance: 24 h at 95°C
→ Thermal cycle resistance: 1,500 cycles between 15°C and 93°C
→ Chemical resistance for 2 ≤ pH ≤ 12
→ External coating corrosion resistance test to neutral salt spray according to standard NF-EN ISO 9227_2017: 4500 hours.

VENTILATION SYSTEM : ELIXAIR ®

Elixair® is an underground pipelines which work as an air-to-ground heat exchanger. It is used for air renewal in buildings. This exchanger is based on the differential between air temperature outside the building and ground temperature which tends to become constant when a sufficient depth is reached.

Recommended use

Public buildings
Commercial and industrial buildings
Farm buildings

Certified performance

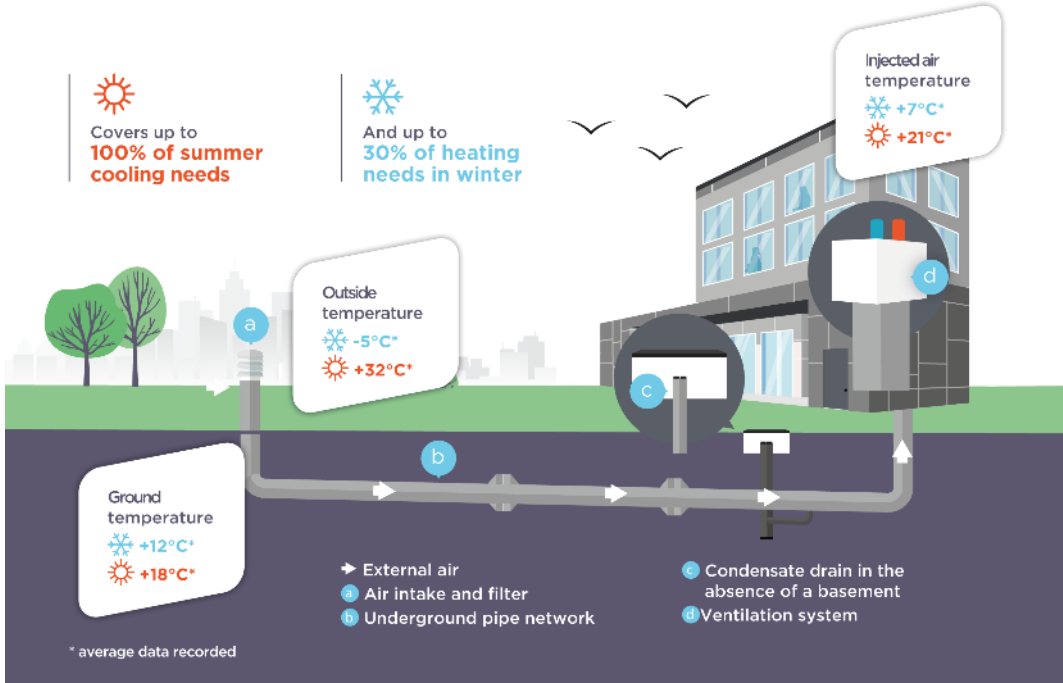
System under French Technical Approval 14.5/14-2056_V1 CSTB
Resistance to ground loading and traffic: ductile iron pipe
Systems can be buried deep without damage, also under
Areas which are driven over or car parks

Easy maintenance & installation

Withstands rustic laying conditions allowing backfill with the extracted materials
Excellent air tightness due to Express or Standard couplings working under compression
Durability: as for all buried systems, strength

Environment

Energy savings thanks to the complete system and the high thermalconductivity of ductile iron



pam building

HOTELS

City Of Dreams Meditarranean
Limassol – Cyprus
S range

Premier Palace Kyiv - Ukraine
S range

Shangri-La - Istanbul
Turkey
S range

Shangri-La Island Hotel
Honk Kong- China
Zn range

Grand Hyatt Hotel
Dubai- UAE
S range

Rixos Tersane Hotel
Istanbul - Turkey
S range

Peninsula - Yangon
Myanmar
Zn range

Conrad Hotel
Hong Kong - China
Zn range

HOTELS

Name of the Project	Country
Hyatt Regency - Algier	Algeria
Sofitel Thalassa - Algiers	Algeria
Marriott Mostar - Mostar	Bosnia & Herzegovina
AZALAÏ 5* - Ouagadougou	Burkina Faso
Shangri-La Island Hotel - Honk Kong	China
Wynn Palace Casino - Macau	China
Grand Lisboa Palace Casino - Macau	China
Marriott Ocean Park - Hong Kong	China
Conrad Hotel - Hong Kong	China
The St-Regis - Hong-Kong	China
City Of Dreams Meditarranean - Limassol	Cyprus
Ayia Napa Marina Villas - Ayia Napa Marina	Cyprus
Club Med La Rosière - Montvalezan	France
One & Only Aesthesis Resort - Glyfada, Athens	Greece
Movenpick Hotel Diplomatic Quarter - Riyadh	KSA
Jabal Omar Development Company, Phase 4 - Makkah	KSA

Name of the Project	Country
Royal Mansour - Casablanca	Morocco
Four Seasons Hotel - Moscow	Russia
St Regis Hotel - Kula Belgrade	Serbia
Sofitel Singapore City Center - Singapore	Singapore
Four Seasons - Madrid	Spain
Raddisson Hotel - Bursa	Turkey
Rixos Tersane Hotel - Istanbul	Turkey
Shangri-La - Istanbul	Turkey
Hilton Bomonti - Istanbul	Turkey
Hilton Bakirkoy - Istanbul	Turkey
Madinat Jumeirah Hotel Resort - Dubai	UAE
Grand Hyatt Hotel - Dubai	UAE
Peninsula Hotel - London	UK
Curio Hotel (Hilton Group) - London	UK
Premier Palace Hotel - Kyiv	Ukraine
Tashkent City Hotel - Tashkent	Uzbekistan

HIGH-RISE BUILDINGS

Tour Attijari Wafabank
Casablanca - Morocco
S range - EPAMS®

Capital towers
Moscow - Russia
S range

Lake View Residences
Tirana - Albania
S range

Tao Zhu Yin Yuan Tower
Taipei - Taiwan
S range - EPAMS®

Ziraat Bank Financial Center
Istanbul - Turkey
S range

CFC Tower
Casablanca – Morocco
S range

HIGH-RISE BUILDINGS

Name of the Project	Country
Downtown One - Tirana	Albania
Lake View Residences - Tirana	Albania
Air Algeria Tower - Algier	Algeria
BADR Bank Headquarters - Algiers	Algeria
Central Bank of Azerbaijan - Baku	Azerbaijan
The Avenue Monterey Place - Hong Kong	China
Tai Koo Shing - Honk Kong	China
Duo Tower Paris - Paris	France
Trinity Tower - Paris	France
Alto Tower Paris - Paris	France
Rhein 740 Tower - Düsseldorf	Germany
Tower One - Frankfurt	Germany
F Tower - Abidjan	Ivory Coast
Golden Tower - Jeddah	KSA
Studio City Phase 2 - Macau	Macau
CFC Tower - Casablanca	Morocco

Name of the Project	Country
Tour Attijari Wafabank - Casablanca	Morocco
Vodno Telecommunication Tower - Skopje	North Macedonia
Seef Lusail Residential Development Plots D3&D4 - Lusail	Qatar
Al Dana Tower - Doha	Qatar
Lakhta Tower - Saint-Petersburg	Russia
Capital Towers - Moscow	Russia
Kula Belgrade - Belgrade	Serbia
Glory - 88 Market Street - Singapore	Singapore
Tao Zhu Yin Yuan Tower - Taipei	Taiwan
Ziraat Bank Financial Center - Istanbul	Turkey
Palladium Tower - Istanbul	Turkey
Folkart Towers - Izmir	Turkey
Al Wasl Tower - Dubai	UAE
Trillant - Tashkent	Uzbekistan

HIGH-RISE BUILDINGS

Name of the Project	Country
Downtown One - Tirana	Albania
Lake View Residences - Tirana	Albania
Air Algeria Tower - Algier	Algeria
BADR Bank Headquarters - Algiers	Algeria
Central Bank of Azerbaijan - Baku	Azerbaijan
The Avenue Monterey Place - Hong Kong	China
Tai Koo Shing - Honk Kong	China
Duo Tower Paris - Paris	France
Trinity Tower - Paris	France
Alto Tower Paris - Paris	France
Rhein 740 Tower - Düsseldorf	Germany
Tower One - Frankfurt	Germany
F Tower - Abidjan	Ivory Coast
Golden Tower - Jeddah	KSA
Studio City Phase 2 - Macau	Macau
CFC Tower - Casablanca	Morocco

Name of the Project	Country
Tour Attijari Wafabank - Casablanca	Morocco
Vodno Telecommunication Tower - Skopje	North Macedonia
Seef Lusail Residential Development Plots D3&D4 - Lusail	Qatar
Al Dana Tower - Doha	Qatar
Lakhta Tower - Saint-Petersburg	Russia
Capital Towers - Moscow	Russia
Kula Belgrade - Belgrade	Serbia
Glory - 88 Market Street - Singapore	Singapore
Tao Zhu Yin Yuan Tower - Taipei	Taiwan
Ziraat Bank Financial Center - Istanbul	Turkey
Palladium Tower - Istanbul	Turkey
Folkart Towers - Izmir	Turkey
Al Wasl Tower - Dubai	UAE
Trillant - Tashkent	Uzbekistan

HEALTHCARE FACILITIES

Onassis Cardiac Surgery
Center Athens – Greece
S & Plus range

Acıbadem Hospital Ataşehir
Istanbul – Turkey
S range

Clínica Universitaria de Navarra
Madrid - Spain
S & Plus range

Children's Hospital - Helsinki - Finland
S range

CHU Agadir - Morocco
S & Plus range

Sidra Hospital - Doha – Qatar
S range

HEALTHCARE FACILITIES

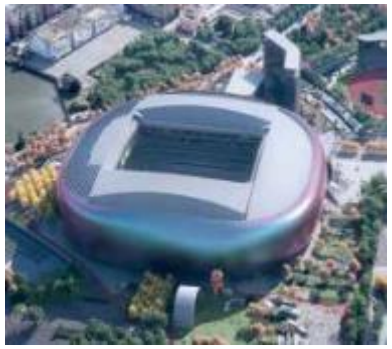
Name of the Project	Country
Military Hospital - Tamanrasset	Algeria
Larnaca Hospital - Larnaca	Cyprus
Children's Hospital - Helsinki	Finland
CHU ABYME - Guadelouppe	France
CHU de Michalon - Grenoble	France
Hôpital de Moorea - Tahiti	France
Hôpital de Taravao - Tahiti	France
PSO - Ile de la Réunion	France
Onassis Cardiac Surgery Center - Athens	Greece
New Dublin Children's Hospital - Dublin	Ireland
Saudi Arabian National Guard Health Affairs - Riyadh	KSA
Security Forces Hospital - Riyadh	KSA
Princesse Grace Hospital	Monaco
CHU Tangier - Tangier	Morocco

Name of the Project	Country
CHP Al-Hoceima	Morocco
CHU - Agadir	Morocco
Sidra Hospital - Doha	Qatar
City Clinic Hospital - Kommunarka	Russia
Clínica Universitaria de Navarra - Madrid	Spain
Acıbadem Hospital Ataşehir - Istanbul	Turkey
Bozüyük State Hospital - Bilecik	Turkey
Bursa Integrated Health Campus - Bursa	Turkey
American Hospital - Dubai	UAE
Clatterbridge Hospital - Liverpool	UK
Grange University Hospital - Wales	UK

CULTURAL & LEISURE FACILITIES

Bernabéu Stadium Madrid - Spain
S range

Athens Music Hall - Greece
S range



Kai Tak Sports Ground
Hong-Kong – China
Zn range

Munch Museum
Oslo - Norway
S range

The Pyramid of Tirana - Albania
S range

Ataturk Cultural Center
Istanbul – Turkey
S range - EPAMS®

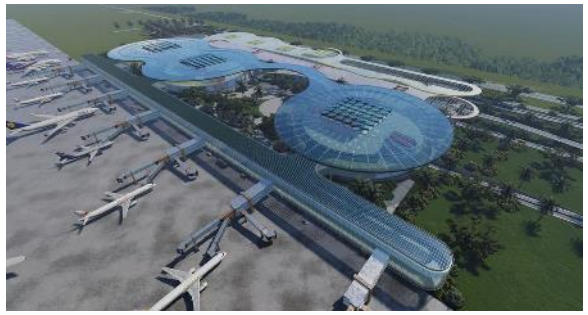
Grand Theatre Rabat
Rabat - Morocco
S range

CULTURAL & LEISURE FACILITIES

Name Of the Project	Country
The Pyramid Of Tirana - Tirana	Albania
Berraki Stadium - Algier	Algeria
Shaw Auditorium - Hong-Kong	China
Kai Tak Sports Park - Honk Kong	China
11 Skies Commercial Complex - Honk Kong	China
Hong Kong Convention & Exhibition Centre - Hong Kong	China
Wynn Palace Casino - Macau	China
Xiqu Center - Hong-Kong	China
Athens Music Hall - Athens	Greece
Grand Theatre Rabat - Rabat	Morocco

Name Of the Project	Country
Arribat Mall Center - Rabat	Morocco
Munch Museum - Oslo	Norway
Oasis Mall - Doha	Qatar
Qatar National Museum - Doha	Qatar
Zaryadie Philharmonic Hall - Moscow	Russia
Santiago Bernabéu - Madrid	Spain
New Atatürk Cultural Center - Istanbul	Turkey
Istanbul Museum of Modern Arts - Istanbul	Turkey
UAE Pavillion EXPO 2020 - Dubai	UAE
Opera House - Dubai	UAE
Liverpool FC Training Academy - Liverpool	UK

AIRPORTS

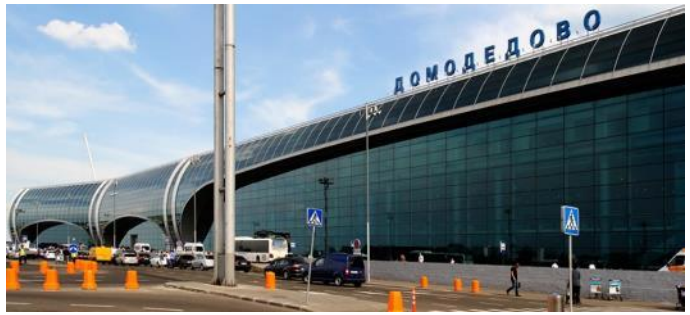


Çukurova Airport Mersin - Turkey
S range

HKIA Sky Bridge – Hong-Kong – China
Zn range - EPAMS®

Geneva Airport - Geneva Switzerland
S range - EPAMS®

Changi Airport Terminal 4 - Singapore
EPAMS®



Domodedovo Airport - Moscow - Russia
S range

Oran Airport - Oran - Algeria
S range - EPAMS®

AIRPORTS

Name of the Project	Country
Ahmed Ben Bellah International Airport - Oran	Algeria
Hong Kong Airport Terminal 2 Extension	China
HKIA Sky Bridge - Hong-Kong	China
International Airport Terminal 3 - Frankfurt	Germany
Athens Airport Extension - Athens	Greece
Ahmad Yani Airport New Terminal - Semarang	Indonesia
Muscat International Airport - MC 5 - Muscat	Oman
Domodedovo Airport - Moscow	Russia
Changi Airport Terminal 4 - Singapore	Singapore
Geneva Airport - Geneva	Switzerland
Çukurova Airport - Mersin	Turkey
Rize Airport - Rize	Turkey
Manchester Airport Terminal 2 - Manchester	UK

INFRASTRUCTURES

TGV Train Station - Kenitra – Morocco
S range - EPAMS®

Dumbea Bridge - Noumea - New Caledonia
Itinero®

Tournon Viaduct – Savoie – France
Itinero®

Eurasia Tunnel - Istanbul - Turkey
S range

Central Greece Motorway E65 Bridges - Greece
S range

INFRASTRUCTURES

Name of the Project	Country
Cross Yarra Rail Tunnel – Melbourne	Australia
Tournon Viaduct - Savoie	France
Mont Blanc Tunnel - Haute-Savoie	France
Central Greece Motorway E65 Bridges	Greece
Athens Metro - Athens	Greece
TGV Train Station - Kenitra	Morocco
Dumbea Bridge - Noumea	New Caledonia
Kula Vodno - Skopje	North Macedonia
Doha Metro - Doha	Qatar
Gayrettepe - Istanbul Airport Metro - Istanbul	Turkey
Eurasia Tunnel - Istanbul	Turkey
Step Project - Abu Dhabi	UAE

THANK YOU

Safe
& forever
circular

Pam Building
21 avenue Camille Cavallier
BP 129 54705 PONT-À-MOUSSON Cedex, France
Tel : +33(0)3 83 80 67 89
www.pambuilding.com