



Construction  
Products Group  
Europe

# HVAC

—  
HEATING, VENTILATION AND  
AIR-CONDITIONING SOLUTIONS

 illbruck

Flowcrete

Nullifire

TREMCO

Vandex

dryvit 



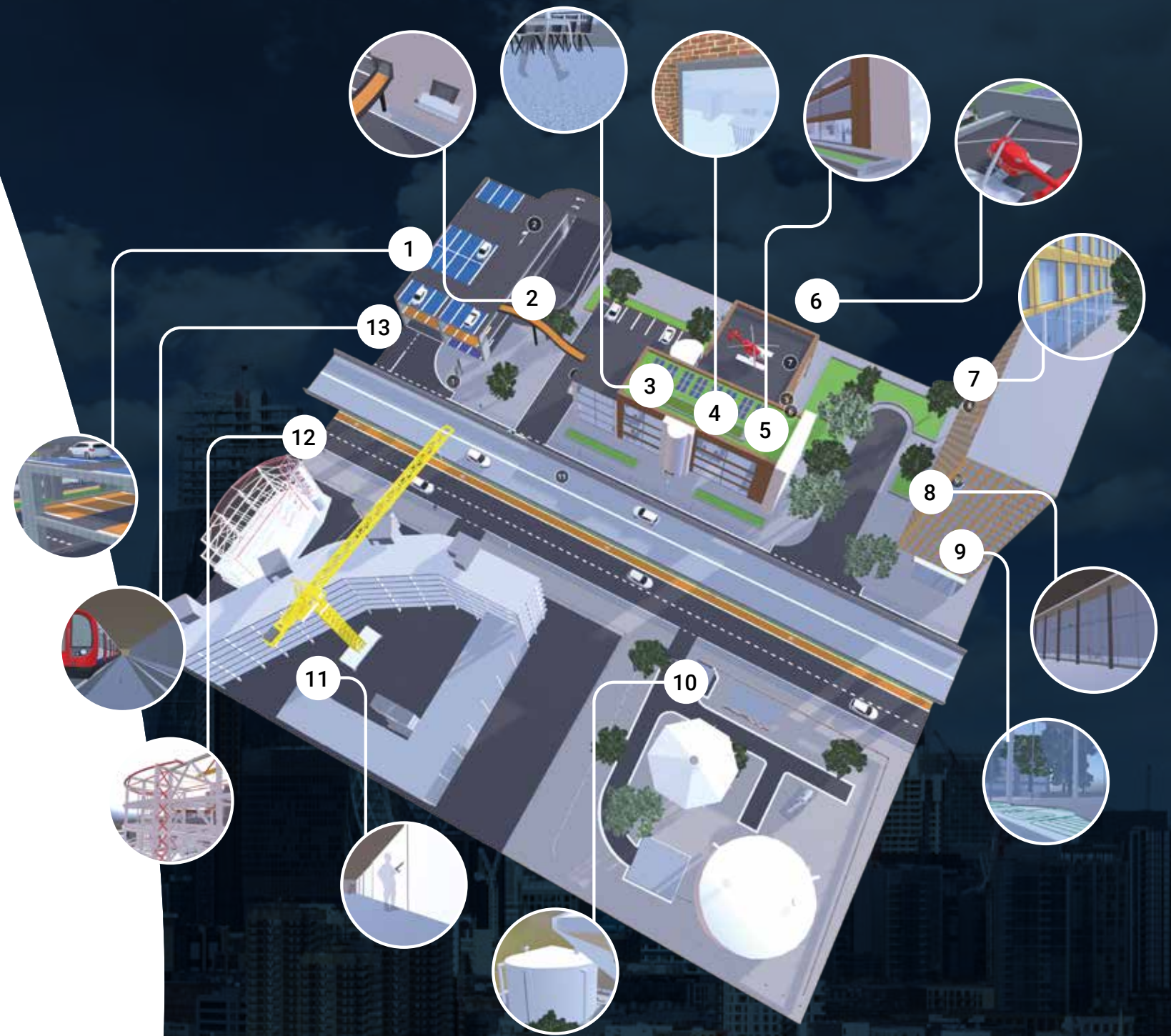
# A FAMILY OF BRANDS UNDER ONE ROOF

CPG Europe manufactures high performance building materials in order to solve the complex challenges faced by today's construction industry. With over 1,400 employees across Europe, we are committed to shaping a world where buildings and structures save energy, last longer and exceed sustainability benchmarks.

From joint sealing, bonding and insulation through to passive fire protection, flooring, waterproofing and roofing solutions – the product brands housed within CPG Europe cover a wide array of different construction needs. Combined with the wealth of expertise, services and support we provide a truly unique offer – to make our customers more successful time after time.

CPG Europe is part of RPM International Inc. – one of the world's leading construction products companies for both the industrial and consumer segments.

Europe's leading construction products brands...



- |  |                                   |                            |
|--|-----------------------------------|----------------------------|
| 1 Car Parking Structures                         | 6 Roofing Systems                 | 11 Fire Stopping           |
| 2 Balconies, Podia & Terraces                    | 7 Façade Construction             | 12 Intumescent Coatings    |
| 3 Seamless Resin Flooring                        | 8 Structural & Inplant Glazing    | 13 Basements & Foundations |
| 4 Window Installation                            | 9 Subfloor Preparation            |                            |
| 5 Exterior Insulation & Finishing Systems (EIFS) | 10 Potable & Waste Water Industry |                            |



# HEATING, VENTILATION & AIR-CONDITIONING

—  
EVERYTHING FOR HVAC, AND MORE...

**Few sectors are as demanding for installers as the Heating, Cooling and Air Conditioning business is. It plays a vital role in creating a comfortable indoor climate and reaching climate goals.**

Not only do HVAC installations have an immense impact on planning and organisation, they also require a strong understanding of a building's construction and intended use.

With our extensive experience in all things HVAC, topped off with an impressive range of products, CPG Europe can be the connecting link between these different specialisations.

## Heating

High performing sealing solutions for fossil-fuel related and solar-collecting devices with requirements for high-temperature resistance, with expertise in industrial and on-site crafting requirements.

## Ventilation & Air Conditioning

Silicone free sealants, adhesives and closed cell tapes for AC unit construction and installation. Airtight solutions for air ducts with hybrid or acrylic sealants and closed cell tapes.

## Wall & Floor Penetration

Passive fire protective solutions for all types of wall and ceiling penetrations like air ducts and electrical wiring.

## Cold Storage

Specialised flooring, sealants and closed cell tapes for cooled food cabinets, warehouses and storage cells. With tailor made advice for your projects.

## Clean Rooms

Robust and chemical resistant seamless flooring systems and sealants for the demanding hygienic requirements of clean areas in pharmaceutical and healthcare environments,, food clean areas and clean room devices.

VENTILATION &  
AIR CONDITIONING  
PAGE 08-09

WALL & FLOOR  
PENETRATION  
PAGES 10-11

HEATING  
PAGES 06-07

COLD STORAGE  
PAGES 12-13

CLEAN ROOMS  
PAGES 14-15





# HEATING

## FROM FABRICATION TO INSTALLATION

For sealing and bonding of products with high temperatures like piping, chimneys, ovens and furnaces, or components like glass-to-metal connections, you need products that are resistant to heat.

A common misconception is the difference between temperature resistance and reaction to fire. illbruck offers heat resistant sealing and bonding solutions. For sealing of wall and ceiling penetrations between fire compartments, Nullifire's range is the right choice.

### Temperature Resistance

When dealing with medium to very high temperatures in all types of conditions, tapes, sealants and adhesives require different degrees of heat resistant properties.

Sealants and adhesives need to be able to both withstand the effects of temperatures shocks as well as exposure over long periods of time.

### Product Properties

It's important that the product can resist the specific circumstances of it's intended use.

In heating, sealants, adhesives and tapes are commonly used. Sealants provide excellent flexibility and are easy to apply. Tapes have outstanding thermal insulating properties.



#### Flexibility

Extremely flexible, for a strong bond and an airtight seal that does not deteriorate over time.



#### Durable

The correct product for the job at hand. Guaranteed results for years to come.



#### Versatile

Applicable in many situations for both sealing and bonding.



The wide illbruck assortment offers tailor fit solutions for all sealing and adhesive situations.

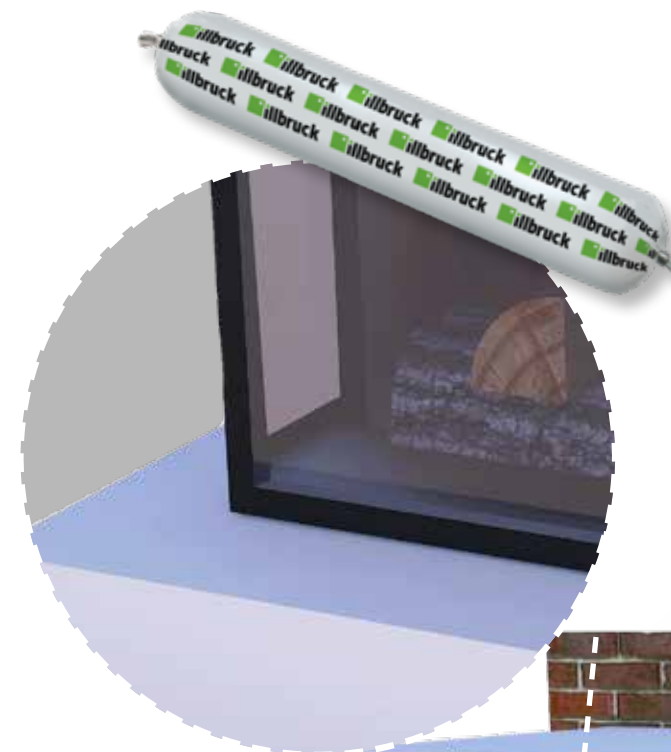


Nullifire offers passive fire protection solutions to penetrations between fire compartments.

### illbruck FA890

FA890 is high-temperature resistant, non-corrosive silicone sealant and adhesive for joint sealing of boiler parts in heating installations, chimney systems and fireplaces, glass-to-metal bonding and sealing of doors in fireplaces and as liquid gasket in pumps and engines.

Suitable for sealing and bonding in piping, chimneys, metal ducts, ovens, furnaces, wood burners, glass-to-metal connections.



1 illbruck FA890 Glazing of Oven Glass to Metal Frame

2 illbruck FA890 Sealing of Metal Frame to Oven Housing



# VENTILATION & AIR CONDITIONING

## AIRTIGHT SOLUTIONS

Ventilation units and ducts need airtight solutions to function properly, Nobody knows more about airtight construction than CPG Europe. Using illbruck, you benefit from our years of experience and leading assortment.

Both ventilation units and air ducts are easily sealed airtight with illbruck. Whether you manufacture AC units, install them or install shafts, the illbruck assortment has the solution that meets your needs.

If there are ventilation shafts, there are wall and floor penetrations. With Nullifire, you can be sure that these are safely sealed off in case of a fire.



### Flexibility

illbruck sealants and closed-cell foam tapes are flexible enough to withstand movements and absorb vibrations. Our strong adhesives are perfect for component assembly.



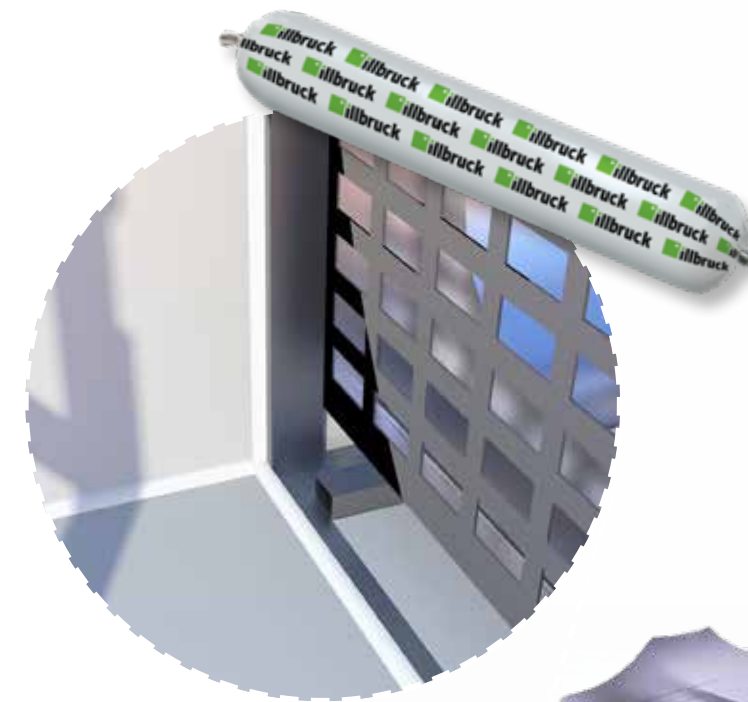
### Easy to use

Our highly flexible products are easy to apply which makes it very versatile.



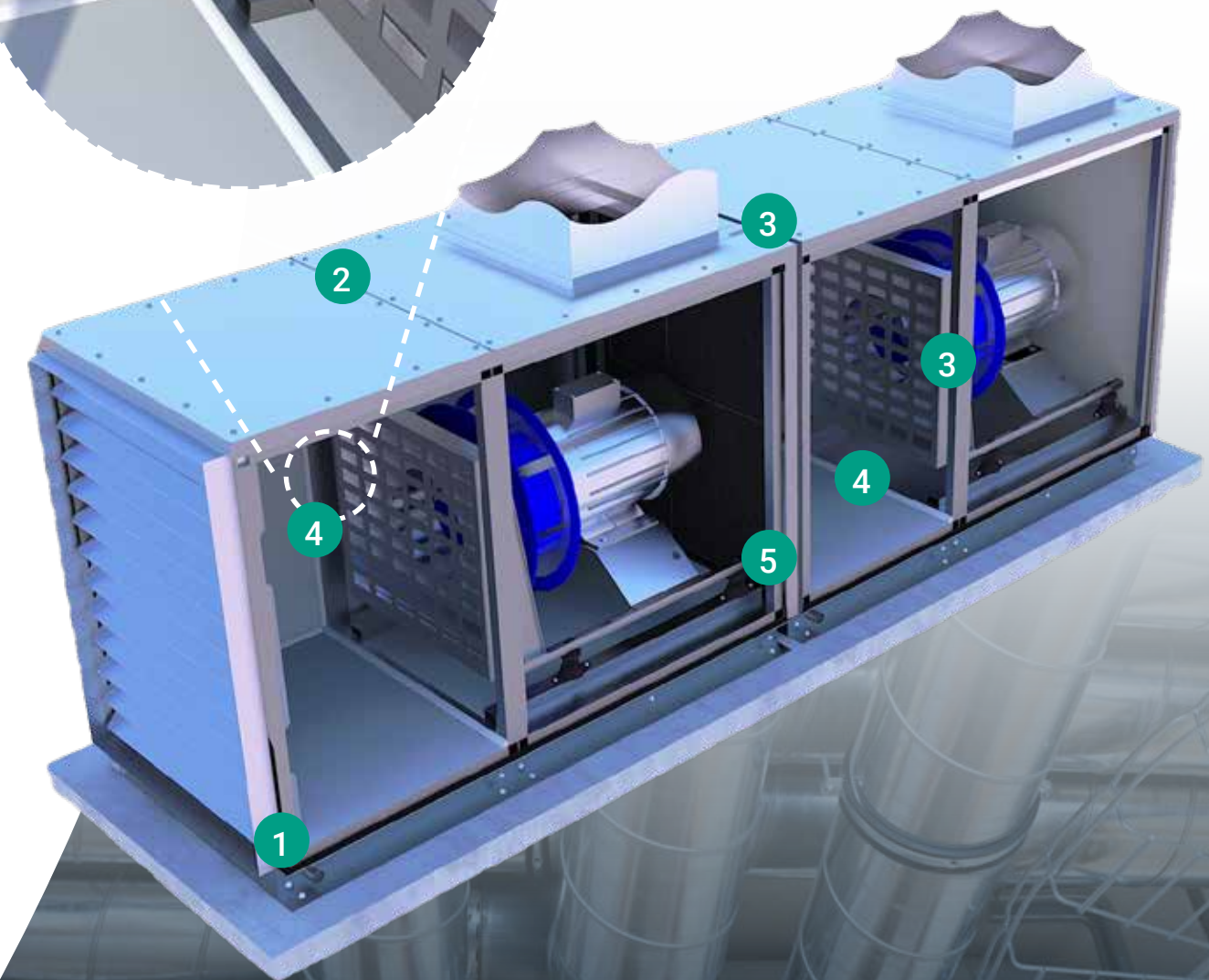
### Compatibility

Suitable for many substrates in many different applications.



### illbruck SP610

SP610 is a hygienic certified and high performing hybrid sealant for offsite/ onsite assembly of air handling units, air ducts, general assembly of metal housings, casings and containers in ventilation and all areas where a silicone-free hygienic sealant is required.



The wide illbruck assortment offers tailor fit solutions for all sealing and adhesive situations.



Nullifire offers passive fire protection solutions to penetrations between fire compartments.

- |  |  |                                      |
|--|--|--------------------------------------|
| 1 illbruck TN011 Flange Decoupling Foam EPDM       | 2 illbruck SP525 (Hybrid) Weather Seal for Housing | 3 illbruck TN553 Decoupling Tape PVC |
| 4 illbruck SP610 (Hybrid) Connection Joint Sealant | 5 illbruck TN119 HVAC Seal PE                      |                                      |



# WALL & FLOOR PENETRATION

## PENETRATIONS BETWEEN FIRE COMPARTMENTS

Chances are that the contractor who installs HVAC installations, also completes the fire proofing penetrations through walls and floors.

### Passive Fire Protection

These penetrations need fire proofing to prevent the passage and spread of smoke and fire, from one area of the building to another, to allow for the safe escape of the building occupants and reduce damage to the building structure.

### Certification

It's crucial that products are certified to the correct fire stopping regulations. Nullifire offers easy to use products for all HVAC installations.



#### Certified Products

Nullifire products have every required certification for its intended use, making sure it can be applied worry-free.



#### Optifire

Optifire is a unique traceable pigment, and with this you can be sure that the product specified is the product applied.

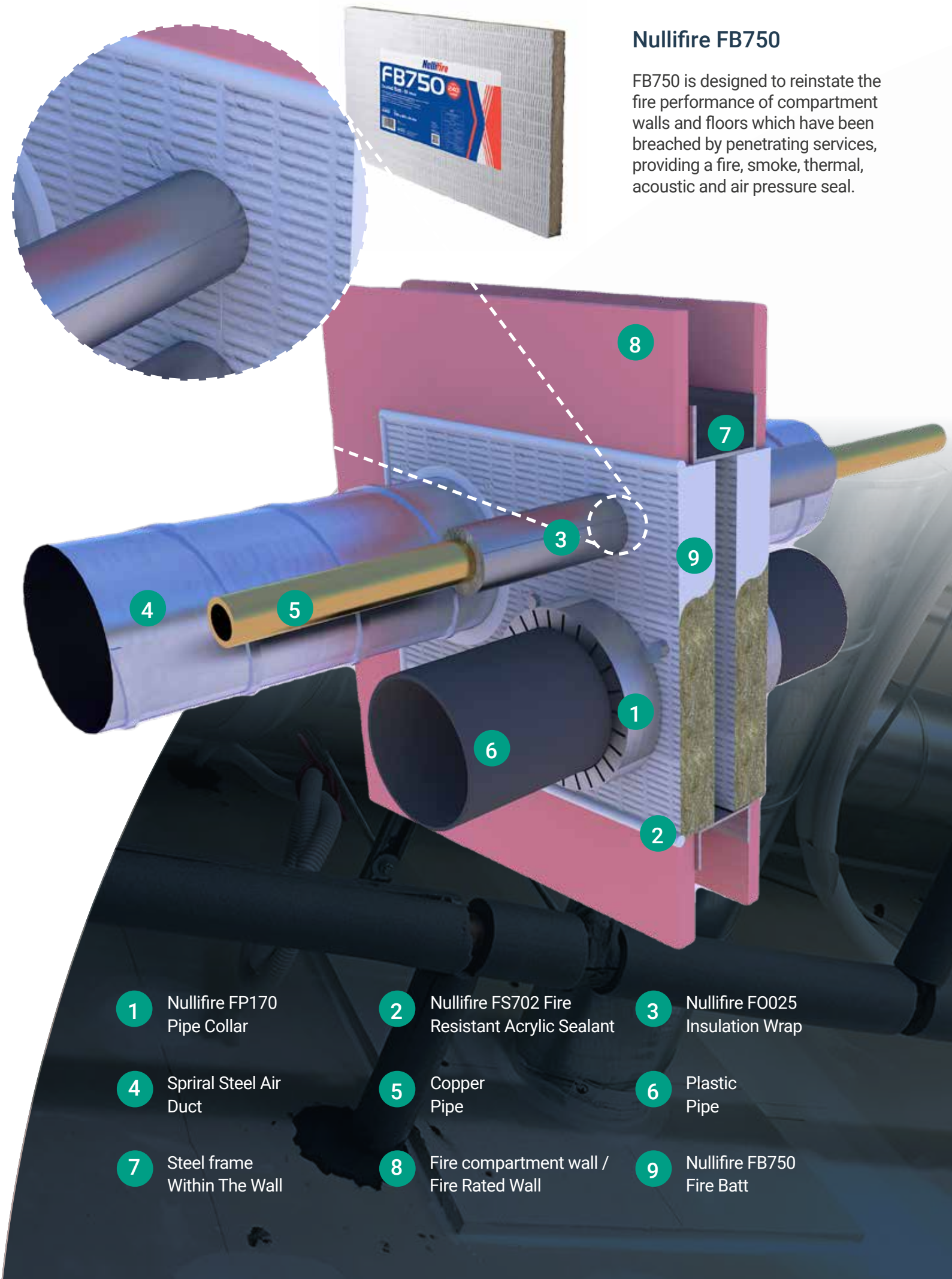


#### Easy to use

This highly flexible product is easy to apply which makes it very versatile.

**Nullifire**

Nullifire offers passive fire protection solutions to penetrations between fire compartments.



### Nullifire FB750

FB750 is designed to reinstate the fire performance of compartment walls and floors which have been breached by penetrating services, providing a fire, smoke, thermal, acoustic and air pressure seal.

- |   |                             |   |  |   |                                 |
|---|-----------------------------|---|--|---|---------------------------------|
| 1 | Nullifire FP170 Pipe Collar | 2 | Nullifire FS702 Fire Resistant Acrylic Sealant | 3 | Nullifire FO025 Insulation Wrap |
| 4 | Spiral Steel Air Duct       | 5 | Copper Pipe                                    | 6 | Plastic Pipe                    |
| 7 | Steel frame Within The Wall | 8 | Fire compartment wall / Fire Rated Wall        | 9 | Nullifire FB750 Fire Batt       |

# COLD STORAGE

## FLOORING AND SEALING SOLUTIONS

Cooling is often food related. It is important to use products that are HACCP approved which are easy to clean and that inhibit the growth of most types of harmful bacteria. In food processing and cold storage the flooring also needs to minimize slip risks.

### Food Processing

Different food processing facilities have different demands. Food manufacturing environments are exposed to a wide variety of corrosive by-products and contaminants. Brewery floors are subject to spills and staining as well as heavy loads and foot traffic. Dairy and cheese plants require an anti-slip, easily cleaned and de-greased surface.

### Storage & Warehousing

Food storage requires temperature controlled conditions. Anything from large warehouses to storage cells and cabinets all require sealants that will help keep them cold for as long as possible.



#### Chemical Resistant

Protects against food by-products, fats, hot oils, blood, sugar and acids.



#### Hygienic

Flowfresh uses the natural cleaning power of Polygiene® silver-ion based antimicrobial treatment.



#### Slip Resistant

Positively textured profile to minimise slip risks in wet or damp areas.



The wide illbruck assortment offers tailor fit solutions for all sealing and adhesive situations.



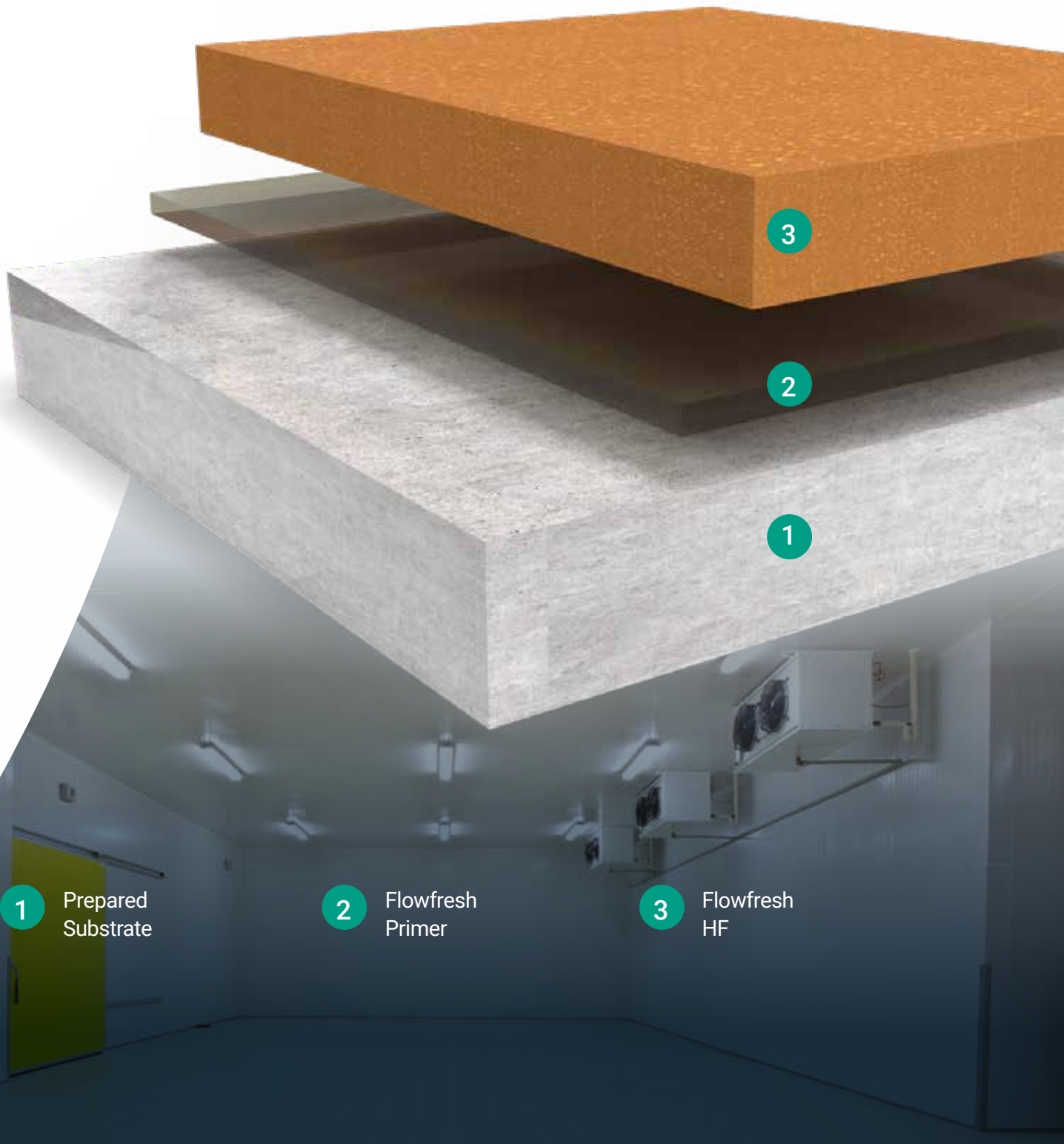
Nullifire offers passive fire protection solutions to penetrations between fire compartments.



Flowcrete manufactures high performance flooring solutions for both industrial and commercial settings.

### Flowfresh HFLT

HACCP International certified polyurethane concrete screed with a fine textured coloured finish. Microbial and Fungal Resistance through the Polygiene® antimicrobial additive. Ideal for food processing areas.





# CLEAN ROOMS

## WITH THE RIGHT PRODUCTS AND SUPPORT

Indoor climate is critical in processing and research environments like Clean Rooms. The air in Clean Rooms is required to contain a low level of small particles per cubic metre. In order to maintain this, suitable building materials must be specified.

### The Total Package

The right choice of flooring, sealants and passive fire protective solutions help improve productivity and staff morale by creating clean, safe and hygienic environments that are in tune with the unique Clean Room requirements.

### Tailor Made Fit to Your Needs

There's no "one size fits all" solution when it comes to clean room construction or equipment.



#### Hygienic

The seamless and high-gloss finish allows the system to be cleaned easily.



#### Antistatic

Antistatic properties that inhibit the generation of electrostatic discharge which may occur when a charged person or surface comes into contact with another object.



#### Low Particle Emission

Non-tainting, non-dusting. Qualified under CSM test parameters and meets the USDA and FDA requirements.



The wide illbruck assortment offers tailor fit solutions for all sealing and adhesive situations.



Nullifire offers passive fire protection solutions to penetrations between fire compartments.

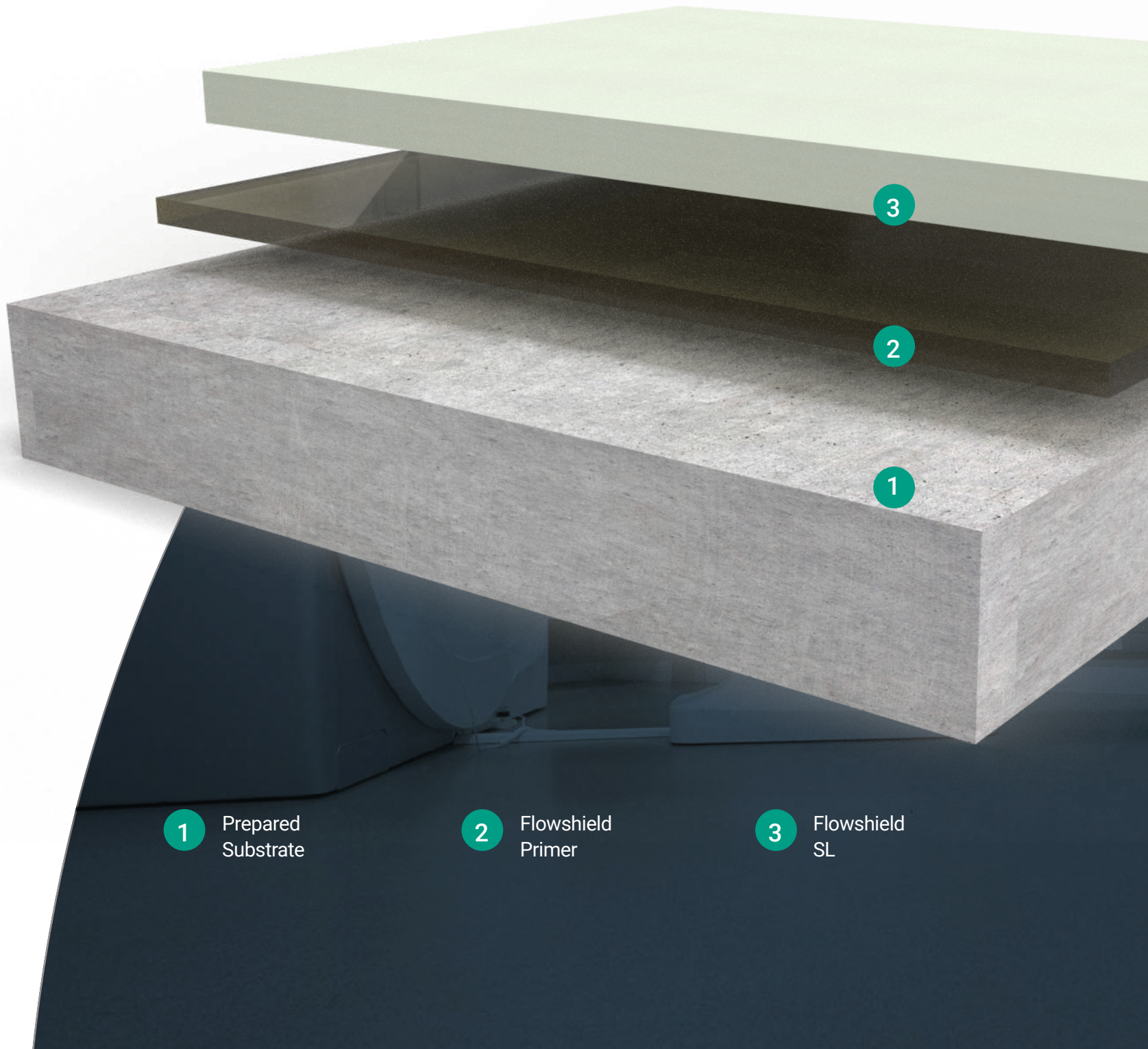


Flowcrete manufactures high performance flooring solutions for both industrial and commercial settings.

### Flowshield SL

Attractive and hygienic, seamless self-smoothing resin floor. Durable against mechanical and chemical stress. Impermeable and low maintenance to clean and sterilise.

Typical uses include laboratories, clean rooms and electronics, aerospace and automotive plants.





# OUR SERVICES

## — ACROSS BRANDS AND SECTORS

CPG Europe has the technical expertise, the dedicated service levels and the product range to provide bespoke solutions for sealing, bonding, air and weather tightness, fire resistance and acoustic performance for a wide range of offsite constructed modules, pods and other offsite building elements.



### PRODUCT RANGE

Our product range is unique, in terms of its performance levels, its range of application and its extent. Equally unique is the inter-compatibility of our range: this extends from adhesive to tape, to membrane, to fire resistant foam.



### CUSTOMER SERVICE

Our full range of services are centred around providing solutions to specific onsite and offsite construction requirements. We provide technical support for your project, and offer online tools to support in every day tasks.



### DISTRIBUTION

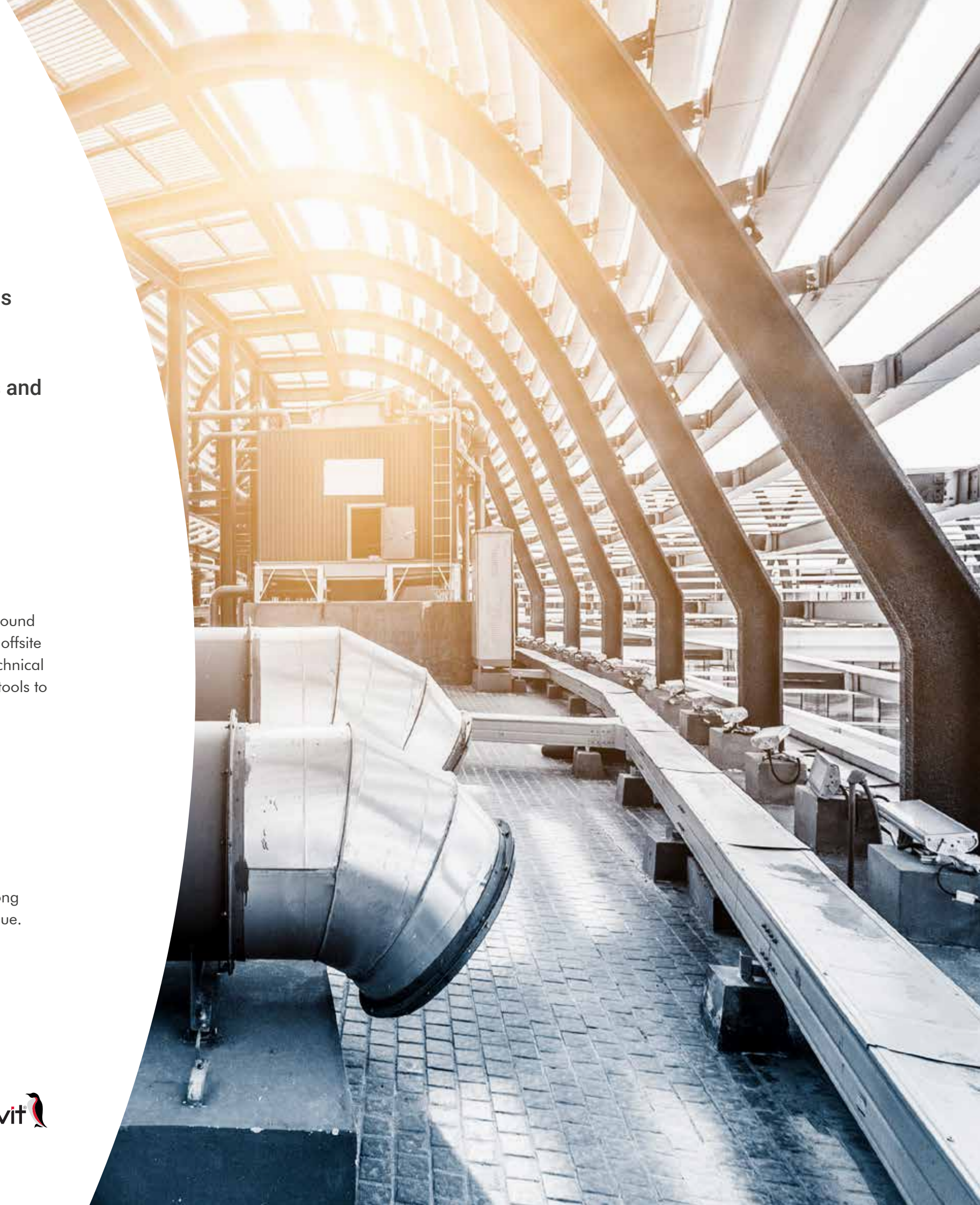
Depending on your business and market, we offer direct purchase or via our distribution partners.



### PARTNERSHIPS

At CPG Europe, our goal is to build long term relationships with high added value.

Europe's leading construction products brands...





*trusted brands*

COLLABORATING FOR SUCCESS

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