



EFFISUS THE RIGHT CHOICE

EFFISUS DESIGNS THE WHOLE BUILDING, FROM ROOF TO FACADES, FOUNDATIONS TO INTERIORS.

The **Effisus Consulting service** tailors Effisus integrated systems to each specific building project, provides on-site skills training and follow-up, and assists with maintenance after completion.

DEVELOPER

BUILDING EFFICIENT SUSTAINABILITY

Effisus integrated systems save you time, construction costs, and labour. We introduced our Effisus consulting service to better acquaint you with the kind of competitive advantages we can bring to your project plans. Contact us.

CONTRACTOR

BUILDING EFFICIENT SUSTAINABILITY

Because we aim to ensure successful application to prevent water infiltration, we train and certify all our Effisus contractors and monitor their performance on site.

Effisus – the right choice.

SETTING OUR SPECIFICATIONS

DESIGNING EFFICIENT SUSTAINABILITY

We introduced the Effisus technical assistance service so you can make the right decision from the preliminary sketches to the execution of your project plan. We work with you, tailoring our integrated systems to fit your project's requirements.

BUILDING INSPECTION

CERTIFYING EFFICIENT SUSTAINABILITY

To ensure that specified solutions are correctly applied and our integrated systems perform to the highest standards, our technical staff monitors its work on site, providing you a final report.

RESEARCH & DEVELOPMENT

LEADING EFFICIENT SUSTAINABILITY

With Effisus, we research the best solutions to make construction more efficient and sustainable, preventing the emergence of pathologies and contributing towards healthier living conditions for occupants. We invite you to travel that road with us.

UNIVERSITIES

BE EFFICIENT · BE SUSTAINABLE · BE EFFISUS

To foster excellence in construction expertise, we provide skills training to your technical personnel, availing you of our know-how. With Effisus, we'll be working together to build a more efficient and sustainable future.



EFFISUS ECOFACADE SYSTEM COMPONENTS

Effisus Ecofacade Membrane
Sealing membrane.

Effisus Ecofacade SA Membrane
Sealing membrane. Self-adhesive solution.

Effisus Ecofacade SA-Edge Membrane
Sealing membrane (fitted with one or more adhesive bands).

Effisus Ecofacade P-Fix Membrane
Sealing membrane (customisable casing profile for window casings).

Effisus Vap Membrane
Water vapour barrier to increase insulation efficiency.

Effisus Breather Membrane
Breather membrane to increase insulation efficiency.

Effisus-Approved Thermal Insulation
Thermal insulation of excellence offering good resistance to compression:

- **Effisus Ecork Insulation**, expanded insulation corkboard (Recyclable natural product that can be reutilised)

- **Effisus PIR Insulation**, polyisocyanurate (PIR) panel approved for application with Effisus Ecofacade (high thermal efficiency even when applied in limited thickness)

- **Rockwool Insulation**, panel approved for application with Effisus Ecofacade.

EFFISUS VAP MEMBRANE ACCESSORIES

Effisus Adjoin GS Tape
Adhesive tape to seal overlapping joints of Effisus Vap Membrane water vapour barrier.

Effisus 2Bond GO Tape
Sealing tape to bond the water vapour barrier to smooth surfaces.

Dublin Airport – Effisus Ecofacade System – Effisus Ecofacade Membranes, Effisus Vap Membrane, and Effisus Breather Membrane

EFFISUS ECOFACADE, EFFISUS ECOFACADE SA, EFFISUS ECOFACADE SA-EDGE AND EFFISUS ECOFACADE P-FIX MEMBRANES ACCESSORIES

Effisus Bonding KT Adhesive
Immediate, permanent bonding of the membrane to a variety of substrate.

Effisus Bonding KF Adhesive
Waterproof adhesive paste to bond the membrane to substrate.

Effisus Coat NP Primer
Primer to maximise bonding efficiency to porous surfaces.

Effisus Block JP Sealant
Sealant for corners, finishes, and overlapping joints.

Effisus Setup PR Cleaner
Surface cleaner for application prior to using adhesives or primer.

ACCESSORIES FOR EFFISUS BREATHER MEMBRANE

Effisus Adjoin TI Tape
Tape for application to hidden overlapping joints.

Effisus 2Adjoin DF Tape| Effisus Bonding OF Adhesive



www.effisus.com | www.upwaysystems.com



EFFISUS HOW DOES IT INNOVATE?

EFFISUS IS AN INNOVATIVE VISION FOR THE CIVIL CONSTRUCTION INDUSTRY THAT STRIVES TO ALLY EFFICIENCY WITH SUSTAINABILITY

Effisus' vision of efficiency and sustainability differentiates itself from the "green" philosophy which values environmental preservation to the detriment of balancing this with every other facet of sustainability. **Effisus subscribes to a Blue vision – a vision that addresses the environmental, technical, social, economic, and corporate dimensions consistently.**

With Effisus, Up-Way continues to lead in efficiency innovation vis-à-vis current stringent construction requirements, striking a balance with sustainability standards, which these days are a must.

The Effisus vision allies **Efficiency and Sustainability**, by promoting use of superior quality **Integrated Construction Systems** in tune with the need to meet the challenges we currently face, as opposed to merely selling construction materials in isolation.

Effisus Integrated Systems are subject to stringent product selection and integrate solutions of excellence in:

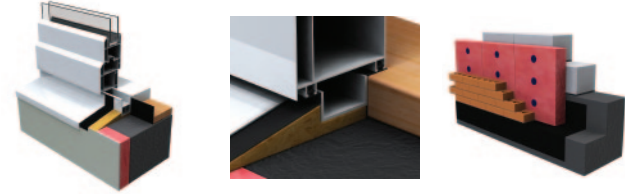
- sealing,
- eliminating pathologies associated to damp,
- providing thermal and acoustic comfort,
- achieving energy efficiency.

EFFISUS IS YET ANOTHER STEP ON THE ROAD TO ENSURING QUALITY AND SUPERIOR DURABILITY IN A BUILDING, IMPROVING ITS ENERGY EFFICIENCY AND ENVIROMENTAL PERFORMANCE, AND ENHANCING THE COMFORT AND HEALTH OF OCCUPANTS.



EFFISUS ECOFACADE SEALING JOINTS

INTEGRATED SYSTEM FOR SEALING JOINTS

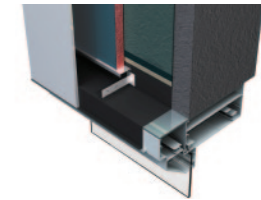


Facade joints Facade joint incorporating a profile Foundation joints

Effisus Ecofacade provides a range of options as a function of the specifications of your joints:

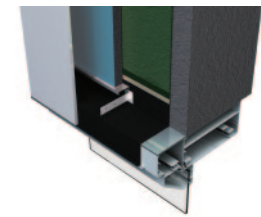
- Sealing facade joints with Effisus Ecofacade Membrane or Effisus Ecofacade SA-Edge
- Sealing facade joints incorporating a profile with Effisus Ecofacade P-Fix
- Sealing foundation joints with Effisus Ecofacade Membrane or Effisus Ecofacade SA-Edge.

EFFISUS BRAZE SUPERIOR FIRE RESISTANCE



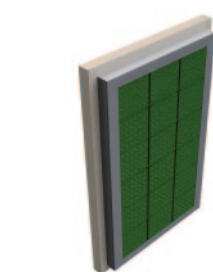
The Effisus Braze integrated system is a sealing and insulation system for facade applications that offers superior fire resistance by employing latest-generation technology.

EFFISUS ECORK CORK AS A VALUE-ADDING MATERIAL



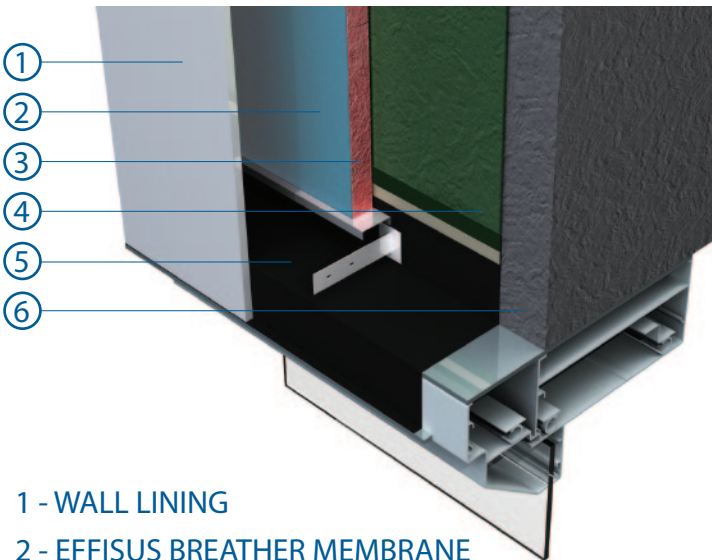
Following on its strategy to enter into successful business partnerships, Up-Way and Amorim Isolamentos S.A. have allied to promote cork, an efficient and sustainable Portuguese material of superior quality. In its facade option, the Effisus Ecork integrated system is an efficient and sustainable system that allies the excellence of the characteristics of Effisus Ecork expanded corkboard thermal insulation to sealing effectiveness – excellent dimensional stability, unlimited durability, good resistance to compression, and good thermal and acoustic insulation and insulation against vibration.

EFFISUS WALLYARD LATEST-GENERATION VERTICAL GARDENS



The Effisus Wallyard integrated system is an innovative, efficient, and sustainable modular system for vertical gardens. It includes a set of thin modular panels containing pre-grown vegetation cover and watering bladder tanks. Effisus Wallyard guarantees the solution's waterproofing, allowing for quicker installation and reduced labour costs.

UP-WAY'S SPECIALISED TECHNICAL EXPERTISE AT YOUR FACADES' SERVICE



1 - WALL LINING

2 - EFFISUS BREATHER MEMBRANE

Effisus Breather Membrane assures effective protection of the thermal insulation by preventing the passage of damp while allowing evaporation of retained moisture and ventilation. Those elements contribute to ensure greater longevity and increase the thermal insulation's efficiency, guaranteeing effective protection of a facade's structure.

3 - EFFISUS-APPROVED THERMAL INSULATION

There are several thermal insulation options for application with the Effisus Ecofacade system. Contrary to some conventional solutions, those options ally technical efficiency to sustainability. The following range of options is available – Effisus Ecork insulation panel made of expanded insulation corkboard, which is a natural product resistant to compression that offers excellent thermal insulation; rockwool or PIR insulation panel approved for application with the Effisus Ecofacade system.

4 - EFFISUS VAP MEMBRANE

The Effisus Vap Membrane water vapour barrier assures efficient moisture management by preventing the passage of water vapour and the formation of condensation inside the structure of a facade and adjoining the thermal insulation, which eventually will lead to degradation and to colonisation by fungi or mildew. In turn, those elements provide for increased thermal insulation longevity and efficiency and for effective protection of a facade's structure.

5 - SEALING MEMBRANES

EFFISUS ECOFACADE AND EFFISUS ECOFACADE SA MEMBRANES
Effisus Ecofacade and Effisus Ecofacade SA membranes provide for perfect sealing of the joints between the various elements and allow for lengthening of up to 300%, thereby always reverting to their original size and shape while accommodating themselves to thermal or structural changes occurring in the building. They retain their elasticity and extensibility when subject to temperatures within a -40°C to +140°C range and offer superior durability, given their expected 50 years of useful life. Effisus Ecofacade membranes guarantee joint seals between the various materials. The Effisus Ecofacade SA Membrane option is a self-adhesive solution enabling quicker and more foolproof application.

EFFISUS ECOFACADE P-FIX AND EFFISUS ECOFACADE SA-EDGE MEMBRANES
Effisus Ecofacade P-Fix and Effisus Ecofacade SA-Edge membranes provide for perfect sealing of the joints between the various elements and allow for a lengthening of up to 300%, always reverting to their original size and shape while accommodating themselves to thermal or structural changes in the building. They retain their elasticity and extensibility when subject to temperatures within a range of -40°C to +140°C and offer superior durability, given their expected 50 years of useful life. The Effisus Ecofacade P-Fix Membrane is a solution with casing profile for window casings enabling quicker application times, requires fewer accessories, and is less prone to error on application. In turn, Effisus Ecofacade SA-Edge membranes incorporate one or more adhesive bands at its ends, either fitted to a single side or to opposing sides.

6 - WALL



Virgin Active – Effisus Ecofacade System – Effisus Ecofacade SA Membranes



A COMPLETE, INTEGRATED SYSTEM FOR FACADES, AS EFFICIENT AS IT IS SUSTAINABLE!

The Effisus Ecofacade System is a complete, efficient, and sustainable system that guarantees a facade's energy-efficient sealing and protects a building where it is most vulnerable and exposed to atmospheric conditions, increasing its overall "robustness".

The solutions provided by this system, consisting of several elements which are carefully selected, contain all necessary parts and accessories for its proper execution and the system is tailored to each project's specific requirements.

Among the elements of the Effisus Ecofacade System, its latest-generation polymer-based membranes deserve particular attention given that they're highly resistant to external agents (exposure to UV radiation and pollution), can be reprocessed, are non-toxic and compatible with most construction materials, and are resistant to colonisation by biological agents.

SYSTEMS COMPRISE SEVERAL ELEMENTS, NAMELY THE FOLLOWING:

- Effisus Breather Membrane;
- Effisus-Approved Thermal Insulation;
- Effisus Vap Membrane;
- Effisus Ecofacade, Effisus Ecofacade SA, Effisus Ecofacade SA-Edge and Effisus Ecofacade P-Fix Sealing Membranes.

EFFICIENCY

- Complete, integrated systems
- Low maintenance requirements
- Easy and quick installation
- Compatibility with most civil construction materials, namely aluminium, steel, concrete, wood, natural stone, etc.
- Versatility – variety of options on application, a range of sizes, and a vast array of accessories
- Resistance to UV radiation
- Resistance to great thermal amplitude
- Flexible solutions
- Elastic behaviour solutions, absorbing a building's thermal and structural changes

SUSTAINABILITY

- Solutions that contribute to a building's energy efficiency
- Solutions that contribute to preventing pathologies associated with damp
- High durability
- Low maintenance requirements
- Low energy consumption during manufacturing, installation, and execution
- Recyclable membranes



EFFISUS ECOFACADE TAILOR-MADE TO YOUR PROJECT

UP-WAY SYSTEMS INNOVATION, QUALITY, AND TECHNICAL EXPERTISE

The Effisus Ecofacade system has been applied in a variety of building projects and the efficacy of its range of applications has been proven. Effisus Ecofacade rises to the challenge of meeting the most demanding facade sealing and insulation requirements and maximises a building's energy efficiency.



Dublin Airport
Martifer Aluminios



Virgin Active
Facal



Tróia Casino Hotel
Edimetal

