Yes, I would like to have more information:

☐ Please call me for further information about

☐ Other,

Company: ____________

Name: ____________ M/F

Job Title: ____________

Adress: ____________

Postal code: ____________ Town: ____________

County: ____________

Telephone: ____________

E-mail: ____________

☐ Yes, my email details may be used to keep me informed of the latest developments at Trespa.

Trespa International B.V.
Trespa International B.V. specialises in high quality panel material for façade cladding and interior use. Trespa has both the expertise and the means to develop products for specific segments of the market. Trespa is continually looking for ways to protect the environment even more effectively.

Trespa guarantees quality of both products and services. We offer our customers optimal technical support as well as straightforward documentation. Proof of this approach is the award of the ISO 9001 and ISO 14001 certificates.

Whatever your requirements, Trespa offers a full support service. Please contact us for further information.

Conditions of Sale
To all our offers, quotations, sales, deliveries and supplies and/or agreements, and to all related services and activities the Trespa International B.V. General Conditions of Sale apply, filed at the Venlo Chamber of Commerce on 11 April 2007, registered under number 24270677, and appearing on the website at www.trespa.com. The text of these General Terms and Conditions will be sent to you upon request.

Responsibility
We believe all information in this publication to be correct at the time of printing. It is intended as information concerning our products and their application possibilities and is therefore, not intended as any form of guarantee with regard to any specific product characteristic.

Colours
The colours in this document are printed, and therefore, may vary slightly from the original Trespa panel colours with respect to gloss, colour shades and surface texture. Original samples are available on request.

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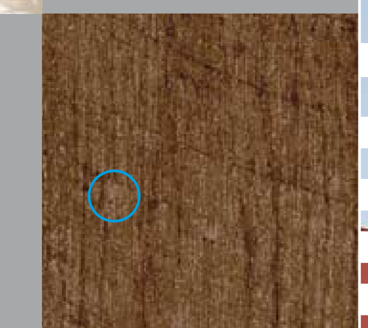


Your Trespa distributor:

code U2451
version 01-2008 copies 10.000

www.trespa.com

METEON

EXTERIOR PANELS

TRESPA®


Arch. Mox van Aerschot, The Netherlands

UNIQUE AND SPECIAL: TRESPA METEON

Trespa Meteon architectural panels are available in a wide choice of standard colours, effects and finishes – or they can be custom-made. These panels have the ability to transform, enhance or even add new dimensions to your design. Literally thousands of applications around the world bear testimony to the material's versatility. Trespa Meteon is not just beautiful – it is exceedingly robust and durable so today's vision will remain tomorrow's reality.

Proprietary technology

Trespa Meteon is a flat panel, based on thermosetting resins, homogeneously reinforced with wood fibres and manufactured under high pressure and at high temperatures, using proprietary EBC technology. The panels have an integrated decorative surface.
Trespa Meteon is used for façade cladding, fascias, soffits, balcony panels and balustrades, urban furniture, sandwich panels and a wide range of other exterior applications.
With a strong reputation for design and innovation, Trespa has recently developed and introduced curved elements to help create extra depth to façades. Trespa's proprietary technology ensures that Meteon panels are unique in the market today.

Healthier buildings

Trespa Meteon is highly suited for ventilated facade systems. These "breathing" or envelope systems offer possibilities for high insulation values, perfect building physics and contribute to a healthy indoor climate. In hot conditions, excessive solar heat can be vented away through the ventilation between the panels and the insulation materials. This provides a living environment for sustainable building applications.


Arch. Renato Fornaciari, Italy

Design possibilities

Trespa gives architects an inspiring view of the future. Its Perspectives platform provides a source of ideas, new techniques, colours and shapes. Themes like Character, Rhythm and Depth give new impulses to façade design.

Trespa Meteon panels can be adapted, changed, moulded and fixed in different ways. This allows for the creation of aesthetically different façades without altering the fundamental characteristics and performance of the product. Changing the surface of the panels adds interest, depth and movement and this is accentuated by the ever changing play of sunlight and shadow. Trespa curved elements can be used to create extra depth in façades. The use of light adds a further dimension: straight lines become curves and colours undergo a true metamorphosis, by illuminating the façade's panels or joints by means of the latest LED technology.

Thanks to their versatility, Trespa panels offer architects near limitless design possibilities.

Weather resistant

Trespa Meteon is extremely weather resistant. Neither sun, rain – including acid rain – nor moisture have any effect on the panel's surface or core. Both the UV resistance and colour stability have the highest score with a 4-5 classification on the International Grey Scale (ISO 105 A 02). Large or rapid temperature fluctuations from -20°C to +80°C do not affect the properties, stability or appearance of the panel. Colours will not change significantly for at least ten years, even under the most severe climatic conditions, or in heavily polluted industrial areas. Whatever your weather conditions, Trespa panels are able stand up to their environment.

Easy to keep clean

The smooth panel surface has a closed non-porous structure, ensuring that practically no dirt accumulates. Neither the surface nor the sawn edges need to be painted or provided with a protective cover. Trespa Meteon is completely unaffected by household cleaning agents or strong organic solvents. Thanks to these characteristics, Trespa Meteon is easy to clean and will help to create low-maintenance exterior applications.

Tough

The modulus of elasticity and high tensile and flexural strength guarantee Trespa Meteon's high impact resistance. The homogeneity and density of the core ensure that the panel has a high pull-out strength for fixings or fasteners. This is especially important when the panel is invisibly fixed with screws or inserts.

The dimensional stability and workability of Trespa Meteon are comparable to those of hardwood, however, Trespa Meteon panels are not affected by moisture and are not susceptible to weathering, mould or rot.

This combination of strengths will ensure that Trespa panels retain their good looks for many years to come.


KOW Architecten, The Netherlands


Nicholls Burwell Architects, United Kingdom

Environmental considerations

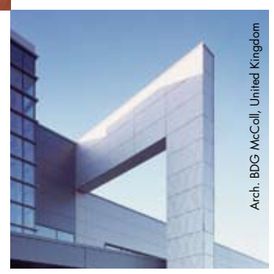
Environmental considerations play a significant role in the development and manufacture of Trespa Meteon. Panels consist of approximately 70% softwood fibre and 30% thermosetting resin. The wood fibre comes from fast-growing pine wood from European production forests. Overall some 85% of the used raw materials are rapidly renewable. In addition up to 10% of residual materials from production are recycled to produce new Trespa construction panels.
Trespa International was one of the first producers of panel material to be certified according to ISO 14001, awarded by Lloyd's Register. The ISO 14001 standard describes the steps required for setting up, implementing, maintaining and improving a completely integrated environmental management system.

Safe fire behaviour

In a fire, Trespa Meteon does not melt, drip or explode and retains its stability for a long time.
Key European testing bodies have awarded Trespa Meteon FR grade the most favourable classifications for organic material fire behaviour.

Building certificates

All major European certification institutes which form the "European Union of Agrément (UEATC)" have certified both Trespa Meteon and its recommended fixing systems. Certificates are issued by amongst others: KOMO; DIBt; BUtgb; BBA; CSTB and TORROJA. This makes Trespa a reliable partner and Meteon panels an excellent choice for long-lasting buildings.


Arch. BDG McColl, United Kingdom

CE Marking

Trespa International has introduced the new CE marking for its products. Trespa Meteon fully complies with the requirements of the new EU standard.

Warranties

Thanks to practical experience over many years and the high quality of Trespa Meteon panels, warranties are available both for the product range in general and for specific projects. More information can be obtained from your local Trespa office or representative.

ENVIRONMENTALLY SOUND PRODUCTS

Trespa has developed a method for converting paper or rests of softwood from certified forests into an attractive, durable, moisture resistant and low maintenance material. Simply by applying heat, resin and pressure. No halogens, biocides, plasticisers, inorganic fibres, heavy metals or preservatives are being used in the production of Trespa products.

The important environmental characteristics of Trespa's products are:

> Approximately 85% of the raw materials used are rapidly renewable raw materials.
> Approximately 70% of Trespa Meteon consist of certified residual wood from nearby forests.
> Material returned to Trespa, as well as residual materials from production, is recycled and used in the production of new Trespa construction panels.
> At the end of the life cycle Trespa's products can be thermally recycled safely with energy recovery in local industrial incinerator (no heavy metals, halogens or biocides are emitted).
> Safe in use.

THE ENVIRONMENTAL PERFORMANCE OF TRESPA IN A BUILDING

Flow of waste material in use

When modifying buildings there is little dust or debris since preparation takes place in controlled conditions in the workshop. Waste can be removed easily. Disposal of Trespa material is easy. It can be recycled or thermally recycled in a common industrial incinerator with high energy recovery. Landfill is possible. Packaging materials can be collected in the workshop and do not enter the building site.

Arch. Cabinet Vigier, France

Maintenance, cleaning and flexibility

> Easy to clean, little maintenance required
> No rot, no decay
> Demountable
> Easy to modify
> Little need for sealants, few joints
> No painting required

Life span of buildings

> Old buildings can be upgraded or renovated (aesthetically and/or with extra insulation) with little impact on the construction or foundation. The inner shell can be protected against ageing by overcladding with Trespa materials.
> An extra floor level can be built on top of an existing building with minimal impact on the construction
> Trespa is durable.
> Ventilated façades protect the inner shells of the building from water damage and deterioration.
> New panels in the original colour can be ordered in most cases, even after several years.

Life span of used materials

Trespa panels last 50 years. No painting is required. Only annual cleaning with mild cleaning agents, such as water and detergents. Graffiti is easy to remove with more severe water based cleaning agents, without impact on the quality or performance of the product. No decay or attack by termites, microorganisms, moisture or freeze-thaw-cycles.

Whole life costing of the building

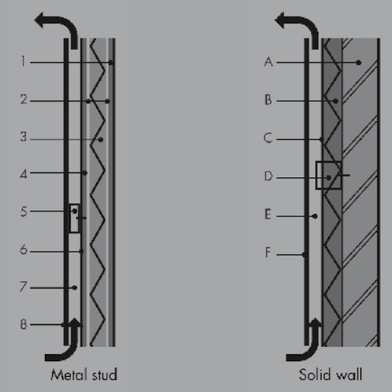
In most cases, especially in demanding interior applications and in exterior applications, Trespa offers solutions with low operational costs and better whole life costs. Costs for maintenance are low. Resistant to all kinds of abuse.

Construction and demolition waste

> Trespa waste can be safely burnt in industrial incinerators with high energy recovery.
> Trespa construction waste is low in dust and debris.
> Trespa construction waste is relatively lightweight, compact and easy to transport.
> Trespa construction waste does not need de-assembly. One homogeneous material only.
> Landfill is possible. No danger of pollution of air or ground water.
> Trespa waste can be used for recycling.

Studio Arch. Mair & Dorfmann, Italy

HOK Architects, United States

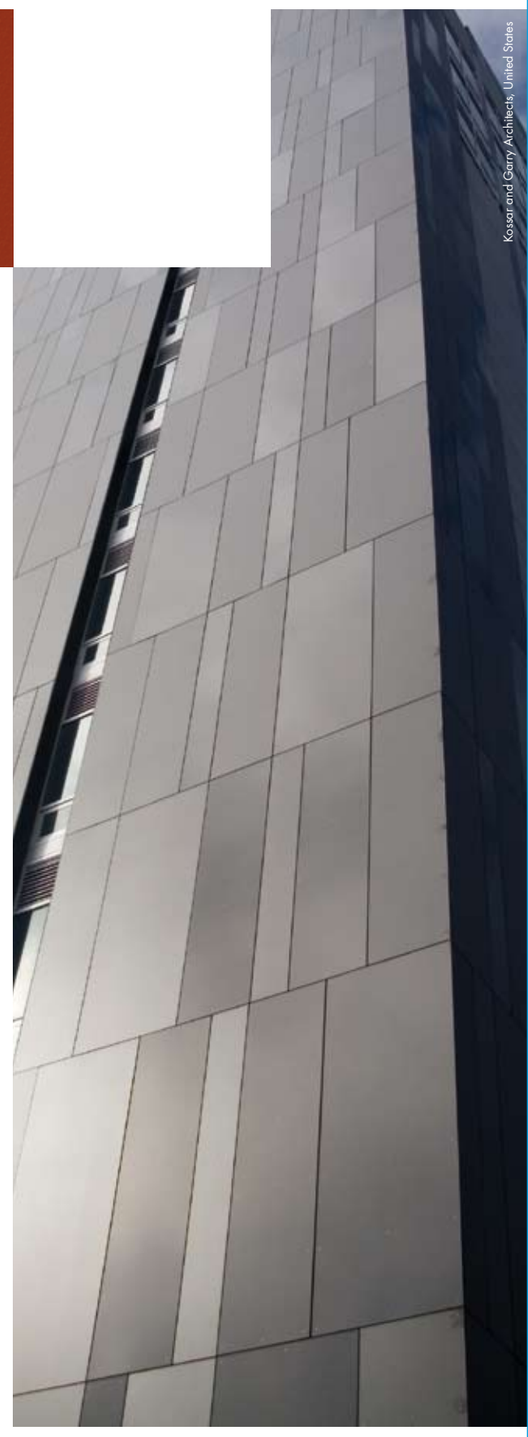


Metal stud

Solid wall

1. Interior drywall
2. Metal stud
3. Thermal insulation
4. Exterior board (sheathing)
5. Weather resistive barrier (vapour permeable)
6. Anchor plate for sub-frame
7. Ventilation cavity and sub-frame
8. Rain screen cladding

A. Load-bearing wall (concrete, masonry)
B. Thermal insulation (if applicable)
C. Weather barrier (vapour permeable)
D. Amchoring plates for sub-frame
E. Ventilation cavity and sub-frame
F. Rain screen cladding



Kossar and Garry Architects, United States

TRIED AND TRUSTED: VENTILATED FAÇADES

Today, ventilated façades are applied worldwide because they enable architects to meet every requirement in any climate. By creating a two leaf construction for the external wall, the ventilated air space between the two leaves serves to maintain a healthy indoor climate.

Ventilated façades help to control moisture – in any climate

No matter what climate you find yourself in, moisture is always an issue and can seriously affect the overall performance of a building. The answer is a ventilated façade, which is designed to breathe. Penetration of rain is minimised and condensation water is drained out through ventilation inlets and outlets. The ventilated air space serves multiple functions. The air in the designed cavity will circulate due to air pressure differentials and thermal differentials over the height of the building. In a cold climate this causes the condensation water at the rear of the cladding to dry. In a warm climate the moving air will cool the inner layers of the construction, thus reducing the demand for cooling energy.

Insulated and dry

Ventilated façades have a space between the cladding and the outer wall - an ideal location for insulation materials. Rain water and condensation are removed naturally by air flowing through the cavity -so that the insulation material remains in good condition and remains effective over time.

Comfortable and healthy

Residents and users not only find themselves in a low-maintenance-environment, the dry and comfortable conditions of the building will make a positive contribution to wellness and overall comfort.

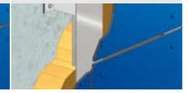
A perfect fit

Trespa International produces Trespa Meteon – an architectural panel ideally suited for ventilated façades. Lightweight, durable and weather resistant, the panel's surface and core are impermeable and therefore not affected by rain and condensation. Moreover the unique Trespa Meteon surface is extremely resistant to exposure to sunlight, making this a panel with a perfect fit for façade applications.

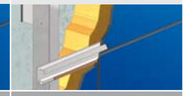
FIXING SYSTEMS

Use Trespa Meteon on its own, or in combination with other materials, to create stunning façades or highlights. To suit your special requirements, versatile Trespa panels can be applied in a number of ways, using visible or invisible fixing systems. Trespa has developed a number of proprietary systems. Installation is easy and fast, delivering significant savings in time and costs.

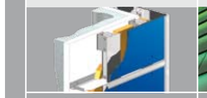
VISIBLE FIXING

TS150	TS700
Visible fixing with screws on a timber subframe	Visible fixing with rivets on an aluminium subframe
	

INVISIBLE FIXING

TS200	TS300
Invisible fixing with brackets on rails	Invisible fixing using profiled edges
	
TS450	**TS650**
Invisible fixing with adhesive	Invisible fixing of sidings
	

SPECIAL FIXING

System 700	LED Solutions	Curved elements
Span from floor to floor	Let your creativity flow	Curve your façade
		
Sun blinds	**Balconies**	**Other**
Realise attractive daylight control	Make your privacy stand out	Other technical applications
		▪ Sandwich panels ▪ Horizontal applications

Arch. Mr.Carles Francesch de Hergueta, Spain

RÉPONSE PAYÉE
PAYS-BAS

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Ne pas affranchir

Niet frankeren

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