



RELIABILITY, OUR CORE VALUE

TRESPA® TOPLAB®
SCIENTIFIC SURFACE SOLUTIONS

TRESPA®



All our efforts are based on an important value: **reliability**. Reliable, in-house developed technology for durable materials that can handle tough laboratory life for a long time, even in high-demanding applications. A reliable supply chain and attentive customer service, as well as a reliable, dedicated and experienced sales team who understands the requirements of the laboratories of today and tomorrow, for customers anywhere in the world”.

Andre Horbach, Trespa's CEO in the first edition of Discover Trespa.



60 years of research, technology and innovation

A photograph showing two petri dishes on a dark surface. The dish on the left contains a white, granular substance, possibly a bacterial culture. The dish on the right contains a clear, yellowish liquid, likely a culture medium. The background is dark and out of focus.

Trespa® TopLab® products can be found in numerous laboratory and cleanroom projects in pharmaceutical, chemical and industrial companies, as well as in hospitals, research centres and universities all over the world.

Thanks to 60 years of global experience, Trespa is recognised internationally as a premier developer of high-quality panels for scientific surface solutions. Trespa invests in quality and innovation, and keeps working hard to offer the customer a durable product.

Our history

1960

1960

Manufacturing was started by a German company in Weert, The Netherlands. In 1963, the **first panels** under the name Trespa were sold.

1967

Launch of Trespa Volkern, a 12mm thick, fully homogenous and strong laminate ideal for desktops.

1984

Introduction of **dry forming** process, a new patented production technology for core materials based on natural fibres and phenolic resin.

1980

1987

Electron Beam Curing Technology The development and patent of the Electron Beam Curing (EBC) technology allows Trespa to switch from a melamine surface to a high-quality coating system.

1994

Trespa Volkern G2, Trespa Sanitary, Trespa Furniture and Trespa Laboratory are replaced by **Trespa® Meteon®, Trespa® Athlon® and Trespa® TopLab®**.

Trespa obtains **ISO 9001** certification. In 2004, **ISO 14001** will follow.

1990

1999

Launch of Trespa® TopLab®PLUS high-performing surfaces for laboratory worktops.

WE ARE
TOP
LAB

2010

2000

Launch of Trespa® Virtuon®.

2001

A 30-compartment press is put into production, the **largest press in the world** at that time.

2008-2012

Opening of Trespa Design Centre in Weert, Barcelona, Santiago, New York.

2009

TopLab®PLUS and Trespa® Virtuon® are available with the Programme for the Endorsement of Forest Certification (PEFC™); since 2013 also the availability of the Forestry Stewardship Council™ (FSC™) certification was added.



2010

Creation of a dedicated **Scientific Surface Solutions** team.

2015

Next generation Electron Beam Technology (EB2)

Electron Beam Curing is an **in-house** developed, fast, non-thermal curing method which uses high-energy electrons at a controlled rate to cure special surfaces. The result is a closed surface with excellent smoothness, cleanability and chemical resistance.

2014

Dedicated TopLab® product range

Trespa® Athlon® and Trespa® Virtuon® are **rebranded** in TopLab®BASE and TopLab®VERTICAL.

2016

Extended 10 year warranty on TopLab® products.

Introduction of Grey Core for the TopLab® product range.

2018

18 New TopLab® colours.

2020

Opening of Nemho (Next Material House) State-of-the-art Group R&D facility in Weert.

Extension of TopLab®VERTICAL product range to >100 colours.

2020

In-house developed technology



Innovation has always been the cornerstone of our business strategy. Our in-house developed technology allowed us to be recognised as a leader in the field of high-quality panels for exterior and interior environments.



24 hours
chemical
resistance



Does not
support
bacterial
growth



Scratch
& wear
resistance



Easy
to clean



Quick
installation



Smooth
machinability



Suitable
for contact
with food



Impact
resistance

Testing and Certification

Today's laboratory and functional environments demand compliance with rigorous codes and standards. Therefore, selecting the right material is of crucial importance. Trespa® TopLab® products for Scientific Surface Solutions are tested and certified according to international standards. TopLab®^{PLUS}, TopLab®^{VERTICAL} and TopLab®^{BASE} are also certified under the GREENGUARD Gold certification program.

Branch associations

Trespa is a long-standing member of the branch associations Excellence4Lab, SEFA (Scientific Equipment and Furniture Association), VIP3000 (Association for Cleanrooms and Pharmaceutical Construction) and EGNATON (European Association of Sustainable Laboratory Technologies).

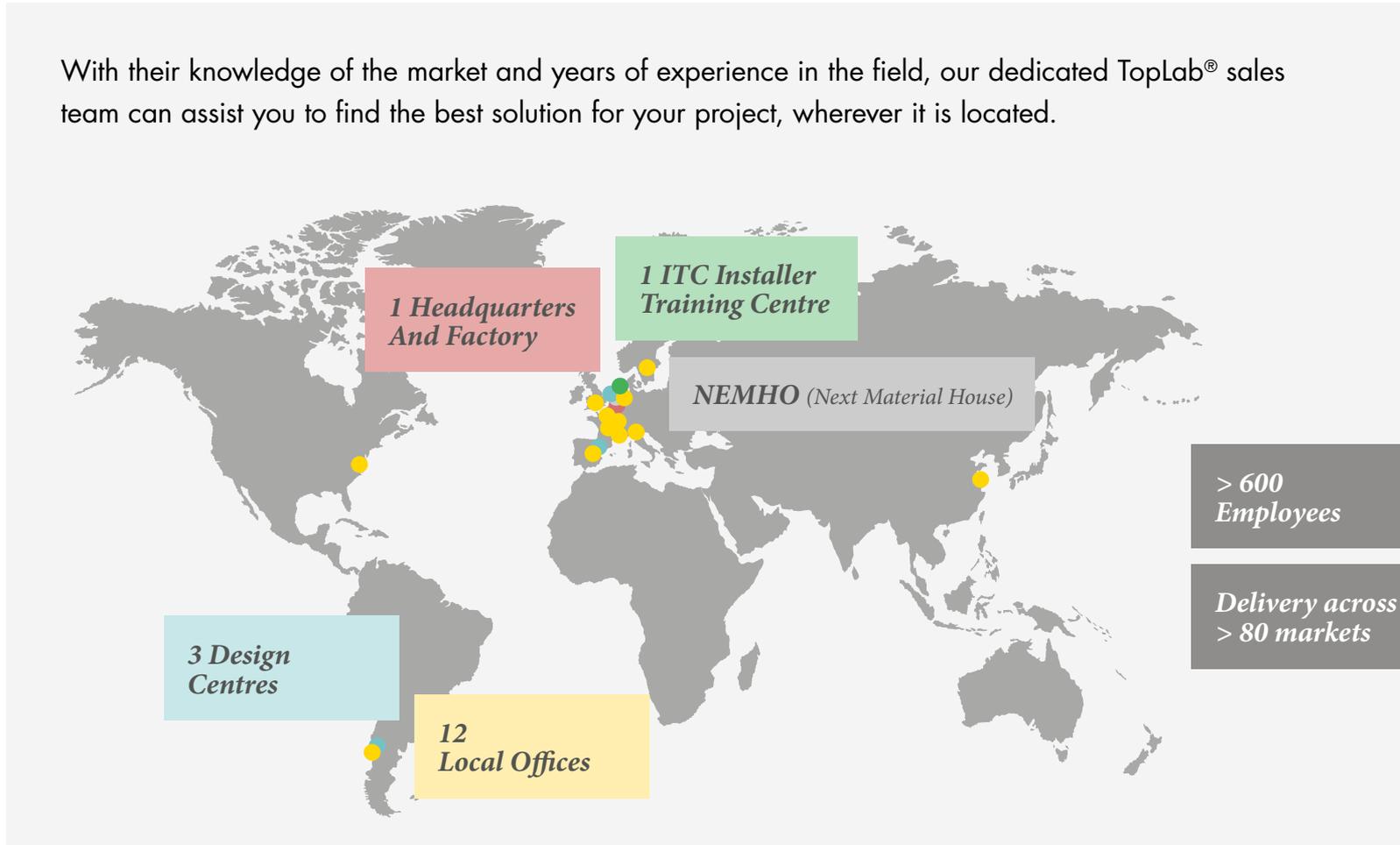
10 Year Conditional Warranty

The unique properties of Trespa® TopLab® panels make them highly durable. That is why Trespa offers a 10-year conditional warranty on all specifications in the material datasheet.



Trespa's dedicated TopLab® team

With their knowledge of the market and years of experience in the field, our dedicated TopLab® sales team can assist you to find the best solution for your project, wherever it is located.



Lab of the year Awards

LAB OF
THE YEAR
2011

*King Abdullah
University,
Saudi Arabia*

LAB OF
THE YEAR
2012

*Wisconsin Institute
for Discovery,
US*

LAB OF
THE YEAR
2015

*South Australian
Health
and Medical Care
Centre,
Australia*

LAB OF
THE YEAR
2016

*Allen
Institute,
US*

LAB OF
THE YEAR
2017

*The Francis
Crick Institute,
UK*

LAB OF
THE YEAR
2018

*CJ Blossom
Park,
South Korea*

R&D LAB
OF THE YEAR
2019*

*U/T Dallas
computer
Sciences
building,
US*

*Honorable mention

Testimonials

Thanks to the trust and confidence that architects, manufacturers and installers place in our products, every year, tens of thousands of square metres of Trespa® TopLab® panels are placed in laboratories, cleanrooms, hospitals, research centres and universities.



SYSTEM MANUFACTURER Waldner Laboratory Systems, Germany

Maximilian Englisch, global manager Asia/Pacific at Waldner Laboratory Systems: “I have been working with Trespa® TopLab® for over ten years, both at Waldner Laboratory Systems as in previous companies. I appreciate the versatility of the material. Thanks to its properties it can be used in many applications, which supports the flexible laboratories that Waldner builds for its clients. My main contact

is Ingo Sternitzke and his team. Ingo is an industry veteran and knows our business like few others.”

Germany-based system manufacturer Waldner Laboratory Systems installs Trespa® TopLab® in laboratories and cleanrooms all over the world. One of them is the CJ Blossom Park in South Korea, R&D Magazine’s *Lab of the Year 2018*. »



★★★
LAB OF
THE YEAR
2018



Image: Waldner Laboratory Systems



Opened in 2017, the CJ Blossom Park is a highly modern, 115.000 m² R&D facility of the South Korean agglomeration CJ Corporation. Waldner Laboratory Systems worked closely together with the architects of CannonDesign to develop an 'Open Lab concept'. Trespa® TopLab®^{PLUS} Silver Grey was used for the universal bench design: surfaces of 5' by 2.5'-non-directional and easy to reconfigure. The same dimensions and Trespa® TopLab®^{PLUS} work surfaces were used for all desks and instrumentation, giving huge flexibility and encouraging fluid, open team spaces. None are fixed to the floor, so all furniture can be moved

between columns and reconnected according to needs, forming solo, small or large islands. Englisch: "CJ knew that different units or tasks might grow or shrink, and in the future some units might take over space from others as functions evolve. They sought a uniform look but with the option to use all the different chemicals and materials on the worktops regardless of their current location and purpose, not knowing who might move where in future. **Trespa® TopLab®^{PLUS} was ideal for a multifunctional project like this, to provide ultimately flexible work surfaces for the laboratories.**"



“
...to provide
ultimately flexible
work surfaces for
the laboratories.”

Maximilian Englisch,
Waldner Laboratory Systems

END USER, ARCHITECT

Kansas Department Of Transportation, USA



My opinion on
the material
after 15 years of use?
Great!

*Sheila Yardley,
Kansas Department of Transportation*

This laboratory, completed in 2002, tests soil, concrete and asphalt materials used in maintaining and improving of highway construction for the Kansas Department of Transportation. Architect Bruce Glass: “The countertops would be subject to substantial abuse with hard and harsh materials, and heavy metal containers being moved over the top surface. In the past, stainless steel tops had been used, but were easily dented and scratched.” He learned about Trespa® TopLab® products and their properties during a visit of the sales team.

“The durability, cost and black craquele colour that would hide asphalt residue convinced me to specify the material for this application.” Lab Chief Sheila Yardley, who has been working in this laboratory since the start, **praises the quality and longevity** of these TopLab®^{BASE} worktops. “My opinion on the material after 15 years of use? Great! I asked all our technicians and they answered the same. We do have some scratches but the overall **durability is really good.**”

SYSTEM MANUFACTURER AND DISTRIBUTOR

Rex Bousfield Ltd / Performance Panels Ltd*, United Kingdom

The UK-based company Rex Bousfield Ltd (part of See Ltd Group) and Trespa have been joining forces for more than four decades. The company, run by the Bousfield family since 1948, played a key role in the introduction of Trespa® materials in the UK market in the 70s and has been an important manufacturing and distribution partner ever since.

On average, the group orders approximately 160.000 m² of Trespa® TopLab® panels per year. Director Robert Bousfield: “We believe that availability of a product and its distribution are an extension of its recognised quality. Our commitment enables us to ride the peaks and troughs of the variable seasonality in the United Kingdom, thus maintaining constant availability. Furthermore, we provide a high-

quality fabrication service with state-of-the-art computerised cutting and five-axis machining equipment.”

“We believe in strong partnerships based on mutual trust and shared values,” Bousfield continues. “In Trespa, we have a partner for whom quality and innovation are core values; continuous investment in plant and constant product development ensure a unique reliability. Rex Bousfield Ltd is proud to be aligned with such a company and we look forward to continuing working with Ingo Sternitzke and his excellent global team.”

* In the United Kingdom, Trespa® TopLab® products are sold through Performance Panels Ltd, the distribution arm of See Ltd.



Rex Bousfield Ltd is proud to be aligned with Trespa and we look forward to continuing working with Ingo Sternitzke and his excellent global team.”



INSTALLER Meik Syring,
Tresolid and Schreinerei Syring, Germany

Meik Syring, CEO at Tresolid and Schreinerei Syring in Bad Wildungen, Germany, knows that designing and manufacturing clean room furniture can be a challenging task and that the choice of the **right material is crucial**. For various important clean room projects in Germany, including the new-built location of B. Braun PNS in Melsungen, he chose Trespa®

TopLab® for both worktops and vertical surfaces. “I have been working with Trespa® since ten years, because of the **quality of the material** and its **smooth surface**. I like the black core and the thickness tolerance is minimized. Furthermore, the material is easy to drill, router and sand.”



The material is
easy to drill, router
and sand.”

*Meik Syring,
Tresolid and Schreinerei Syring*

SYSTEM MANUFACTURER

Kou Hing Hong Scientific Supplies Ltd, Hong Kong, China



William Chiu, sales and marketing manager at Kou Hing Hong Scientific Supplies: “We have been enjoying a very good business relationship with Trespa. ***Trespa has a very good supporting team that provides quick and clear answers.*** We started using TopLab® products in 2000. Now we order 80-100 sheets of TopLab®^{PLUS} and TopLab®^{VERTICAL} a year. In all the years that we installed TopLab®^{PLUS} panels in laboratory projects, ***we never received any complaint***

about durability so I can assume a good satisfaction level also from our clients. One of the most challenging projects where Trespa® materials were used was the Hong Kong Baptist University project in 2016. There were very high requirements on the joints and edge finishing and many openings for drop-in cupsinks. From a fabrication and installation point of view, we think Trespa® is much easier to handle than epoxy resin, especially when on-site alternation is required. Between



It is solid, does not bend and edges can be finished easily.”

William Chiu, Kou Hing Hong Scientific Supplies

different brands of phenolic resin, our installer prefers Trespa® TopLab® products because of their physical properties: it is solid, does not bend and edges can be finished easily.”

SYSTEM MANUFACTURER SSI Surfaces Inc., USA



David Marquez, vice president of SSI Surfaces: “We have been working with Trespa for almost 10 years. **Trespa® TopLab®PLUS is ubiquitous in the lab industry**, architects and lab planners are very familiar with the product so it is easily specified and backed

up by its **10 year warranty**. At Trespa, Jonathan Broman would be our main contact, he is exemplary in his customer service with prompt responses to any questions or service necessary. It is obvious **he really goes the extra mile to help us** in meeting our customer’s requirements and expectations. We have done almost three thousand projects with TopLab®PLUS. One of them is Takeda Pharmaceuticals in San Diego, where we provided specialty Island End Cap counter tops with sink cut outs where we used our proprietary TopLab® Marine edges in conjunction with routed sink drainage grooves. **In ten years we have not encountered any instances of delamination**. Also, we found it beneficial to step up to diamond tooling in all our fabrication processes to better machine our TopLab® products due to its strength and durability. We look forward to many more years to come providing Trespa® TopLab®PLUS to our customers.”



We have done almost three thousand projects with TopLab®PLUS.”

David Marquez, SSI Surfaces

END USER

Douglas Pharmaceuticals, New Zealand



https://m.youtube.com/watch?feature=share&v=_DSPm0HktWM

David Hipperson, Quality Engineering Manager at Douglas Pharmaceuticals: “Our laboratories were installed in 1996 (phase 1) and 1998 (phase 2) and provided with worktops in Trespa® TopLab®. As chemistry and microbiological testing of pharmaceutical actives, excipients and medicinal products take place here, the most important requirements for its worktops were *longevity, easy*

cleaning and resistance to acids, bases, heat and water. Main challenges were spills and storage of corrosives. TopLab® surfaces look good, they are fairly hardy and not susceptible to physical or chemical damage. We also have had items custom made. In my opinion, it is a very durable, nicely presented and resistant product that suits the laboratory environment.”

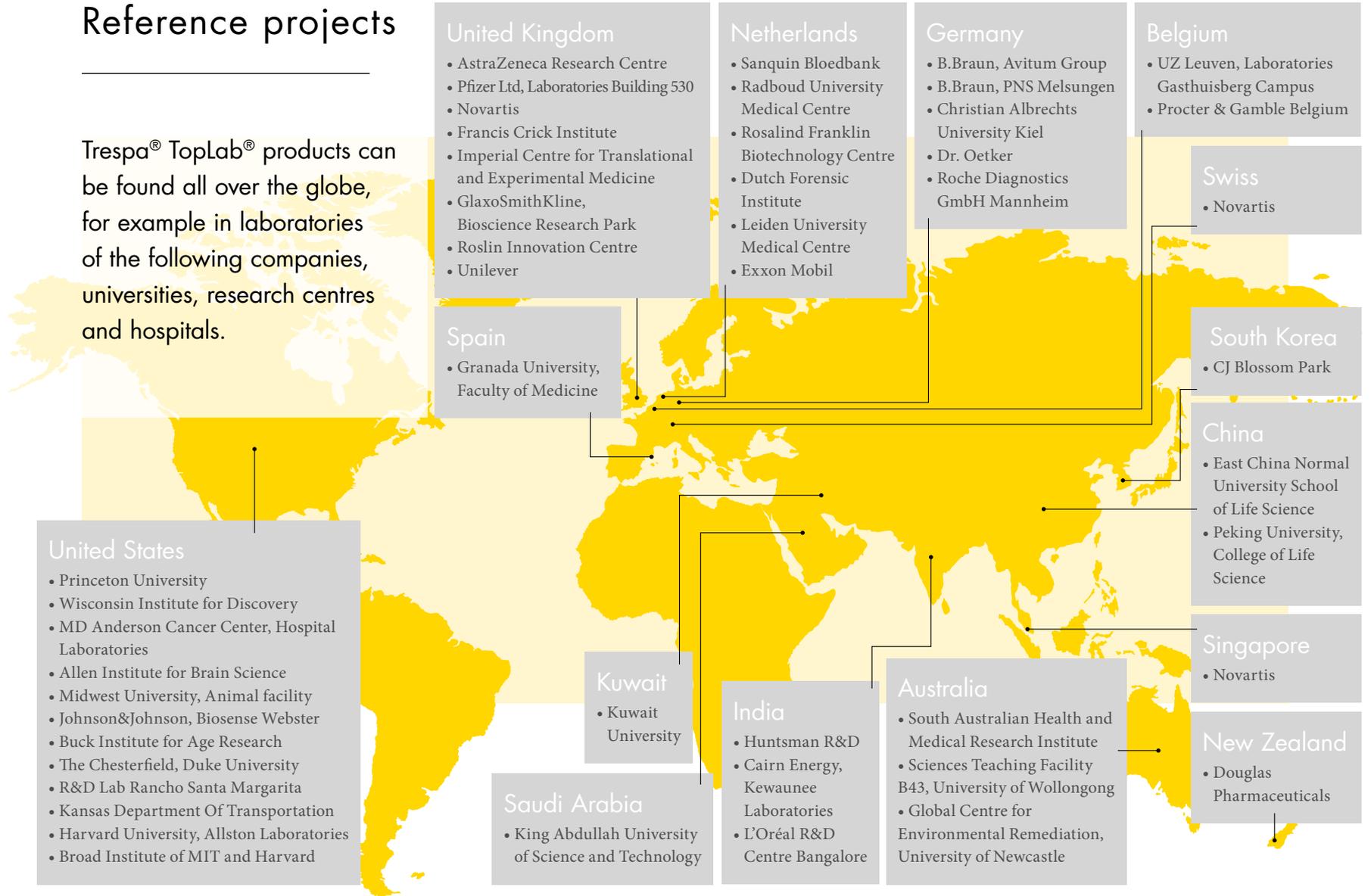


“
In my opinion, it is a very durable, nicely presented and resistant product that suits the laboratory environment.”

*David Hipperson,
Douglas Pharmaceuticals*

Reference projects

Trespa® TopLab® products can be found all over the globe, for example in laboratories of the following companies, universities, research centres and hospitals.



DISCLAIMER

GENERAL

These terms apply to the use of this document and such use automatically means that the other party agrees to these terms. The information provided by Trespa International B.V. ("Trespa") in this document is solely indicative. Trespa is unable to warrant the accuracy and completeness of this information. Trespa may change the information included in this document at any time and without further notice. Trespa's customers and third parties must ascertain that they have the most recent document (for the most recent version, please consult: www.trespa.com). No rights can be derived from the information provided; the use of the information is at the other party's risk and responsibility. Trespa does not warrant that the information in this document is suitable for the purpose for which it is consulted by the other party. This document does not contain any design, structural calculation, estimate or other warranty or representation that customers and third parties may rely on. This document does not guarantee any properties of Trespa products. Colours used in Trespa's communications (including but not limited to printed matter) and in samples of Trespa's products may differ from the colours of the Trespa products to be supplied. Samples are not intended for use in product tests and are not representative of characteristics of the Trespa

products. Trespa's products and samples are produced within the specified colour tolerances and the colours (of production batches) may differ, even if the same colour is used. The viewing angle also influences the colour perception. Metallics panels feature a surface whose colour appears to change based on the direction from which it is viewed. The specified colour stability and colour specifications relate only to the decorative surface of the Trespa products, not to the core material and samples of the Trespa products. Trespa products are delivered ex-works with straight, sawn sides. Customers and third parties must have a professional adviser inform them about (the suitability of) the Trespa products for all desired applications and about applicable laws and regulations. Trespa does not warrant the above. The most recent version of the current delivery programme and the Material Properties Datasheet can be found at www.trespa.info. Only the information in the most recent and valid Material Property Datasheet should be used to select and provide advice regarding Trespa products. Trespa reserves the right to change (the specifications for) its products without prior notice.

LIABILITY

Trespa is not liable (neither contractual nor non-contractual) for any damage arising from or

related to the use of this document, except if and to the extent that such damage is the result of wilful misconduct or gross negligence on the part of Trespa and/or its management. The limitation of liability applies to all parties affiliated with Trespa, including but not limited to its officers, directors, employees, affiliated enterprises, suppliers, distributors, agents, and representatives.

GENERAL CONDITIONS

All oral and written statements, offers, quotations, sales, supplies, deliveries and/or agreements and all related activities of Trespa are governed by the Trespa General Terms and Conditions of Sale (*Algemene verkoopvoorwaarden Trespa International B.V.*) filed with the Chamber of Commerce and Industry for Noord- en Midden-Limburg in Venlo (NL) on February 20th, 2015 under number 24270677, which can be found on and downloaded from the Trespa website, www.trespa.com/documentation. All oral and written statements, offers, quotations, sales, supplies, deliveries and/or agreements and all related work of Trespa North America, Ltd. are governed by the Trespa North America General Terms and Conditions of Sale, which can be found on and downloaded from the Trespa website, www.trespa.com/documentation. A copy of these general conditions of sale will be provided free of

charge on request. All general terms and conditions other than the conditions mentioned above are dismissed and do not apply, regardless of whether such terms and conditions are referred to on requests for offers, offer confirmations, stationery and/or other documents of the other party, even if Trespa does not expressly object to such terms and conditions.

INTELLECTUAL PROPERTY

All intellectual property rights and other rights regarding the content of this document (including logos, text and photographs) are owned by Trespa and/or its licensors. Any use of the content of this document, including distribution, reproduction, disclosure, storage in an automated data file or the dispatch of such a file without Trespa's prior written consent is explicitly prohibited. * Trespa, Meteon, Athlon, TopLab, TopLab^{PLUS}, TopLab^{ECO-FIBRE}, TopLab^{VERTICAL}, TopLab^{BASE}, Virtuon, Izeon, Pura, Pura NFC, Volkern, Trespa Essentials and Mystic Metallics are registered trademarks of Trespa.

QUESTIONS

Should you have any questions or comments, please do not hesitate to contact Trespa.

SHAPE THE SCIENTIFIC WORLD

VERSION 2.0 ▪ BROCHURE CODE U4706 ▪ DATE 10-2020

PLEASE VISIT **TRESPA.COM** OR **TRESPA.INFO** FOR THE MOST UP TO DATE INFORMATION.

TRESPA.COM/TOPLAB

TRESPA®