

# TRESPA® TOPLAB® PLUS

# TRESPA® TOPLAB® PLUS ALIGN



FUTURE-PROOFED  
TO INSPIRE  
**WHERE EXCELLENCE  
IS THE STANDARD**

TRES|SPA®

## Future-proofed to inspire

At Trespa, innovation is a way of life. Our long-standing commitment to finding new solutions has sparked such inventions as Trespa® TopLab® PLUS and Trespa® TopLab® PLUS ALIGN: highly durable materials, aimed at taking worktop quality to the next level. Our products are made with a special consideration for the growing demand for a contemporary colour palette to shape inspiring workplaces all over the world.



FUTURE  
PROOFED



Trespa® TopLab® PLUS ALIGN T90.0.0 Black  
Trespa® TopLab® VERTICAL K05.5.0 Quartz Grey

## TRESPA® TOPLAB® PLUS

In challenging workplaces, nothing less than excellence is acceptable in terms of hygiene, avoidance of contamination, sustainability, ergonomics and safety. This is even truer for worktops, which need to guarantee consistent reliability under stress each and every day. Trespa® TopLab® PLUS has been specially engineered to provide durable and high-performing worktops for demanding environments such as chemical, physical and analytical laboratories, where every detail must be the silent ally of the scientist, ensuring peace of mind and aiding concentration.



LABS &  
CLEAN ROOMS



HEALTHCARE



EDUCATION



## Why TRESPA® TOPLAB® PLUS in one glance



24 HOURS  
CHEMICAL  
RESISTANCE

Based on multiple test methods



DOES NOT  
SUPPORT BACTERIAL  
GROWTH

Thanks to our surface  
technology developed in-house



SCRATCH  
& WEAR  
RESISTANCE

Tested with diamond-tip point  
and abrasive paper



IMPACT  
RESISTANCE

Solid and sturdy panels  
for everyday use



EASY  
TO CLEAN

Proven by third-party  
evaluations



SUITABLE  
FOR CONTACT  
WITH FOOD

Tested according  
to international standards



SMOOTH  
MACHINABILITY

Comparable to  
high quality hardwood



QUICK  
INSTALLATION

Using various visible  
or invisible fixing solutions



## Enhanced properties through Electron Beam Curing

Electron Beam Curing, developed in-house by Trespa, represents a major contribution to innovation in the field of scientific surfaces. Using this fast, non-thermal curing method, Trespa® TopLab® PLUS and Trespa® TopLab® PLUS ALIGN decorative surfaces are hardened via high-energy electron emissions at a controlled rate. The resulting closed surface enables unique surface performance, in terms of resistance and colour stability: it encompasses a remarkable range of properties, to serve the needs of the most demanding professional environments.





Trespa® TopLab®<sup>PLUS ALIGN</sup> T05.0.0 Pure White  
Trespa® TopLab®<sup>VERTICAL</sup> K05.0.0 Pure White

## The advantages of Dry Forming

Using the innovative **Dry Forming** process, our in-house developed **production technology** for the **Trespa® TopLab® PLUS ALIGN** core, wood chips and the **new lignin-based thermosetting resin**, are processed together with pigments. Through this combination, 50% of the fossil-based phenol is replaced by a renewable material: a **revolutionary innovation**, which allows the **outstanding quality of the core** to be maintained, while ensuring **greater environmental performance**.



Wood chips are unloaded at Trespa



They get washed, sieved and refined



Resin and pigment are added



The impregnated fibres are dried, pressed and cut into sheets



Trespa® TopLab® PLUS ALIGN T05.0.0 Pure White  
Trespa® TopLab® VERTICAL K05.0.0 Pure White



## All the colours of quality

In addition to their physical properties, such as resistance and durability, Trespa® TopLab® PLUS and Trespa® TopLab® PLUS ALIGN come in a choice of colours designed to broaden the spectrum of shades typically linked with the world of science. From the more traditional and neutral colours of Trespa® TopLab® PLUS to the new contemporary shades available with Trespa® TopLab® PLUS ALIGN, designers will find Trespa as dependable as engineers and scientists already do. Furthermore, with the addition of the wide colour range of Trespa® TopLab® VERTICAL, our customers can enjoy a complete solution, encompassing the whole set of surfaces that a contemporary scientific environment needs in order to be both safe and beautiful.



Trespa® TopLab® PLUS ALIGN T05.0.0 Pure White  
Trespa® TopLab® VERTICAL K05.0.0 Pure White

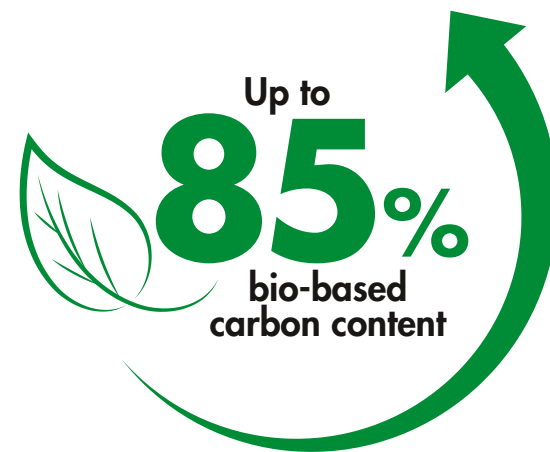
## TRESPA® TOPLAB® PLUS ALIGN

There is no Planet B. Trespa® TopLab® PLUS ALIGN addresses the issue of environmental care, providing the same high quality standards of Trespa® TopLab® PLUS with a strong commitment to the use of renewable materials.

By combining the benefits of proprietary technologies such as Electron Beam Curing and Dry Forming with the use of lignin-based adhesive for the core, Trespa® TopLab® PLUS ALIGN raises the bar of bio-based carbon content by up to 85%, to create durable and resistant worktops aligned with the needs of customers, as well as those of the planet.

Designed with a special consideration for the growing demand for a contemporary colour palette, to shape inspiring workplaces all over the world.

Trespa® TopLab® PLUS ALIGN has been awarded with the highest OK biobased rating of 4 stars by the world-renowned certification institute TÜV Austria.



UP TO 85%  
BIO-BASED  
CARBON CONTENT



LIGNIN



MINDFUL  
DESIGN



NEWEST  
TECHNOLOGY



PASTEL  
COLOURS



## Innovative by nature

Trespa® TopLab® PLUS ALIGN replaces 50% of phenol included in the core's resins with lignin: a **renewable material** contained in almost all dry-land plant cells, featuring **high strength and rigidity**. A further step towards better **sustainability**, this is another milestone in Trespa's history of game-changing innovations.



# Get inspired by the TRESPA® TOPLAB® colour collection

## TRESPA® TOPLAB® PLUS

UNI COLOURS

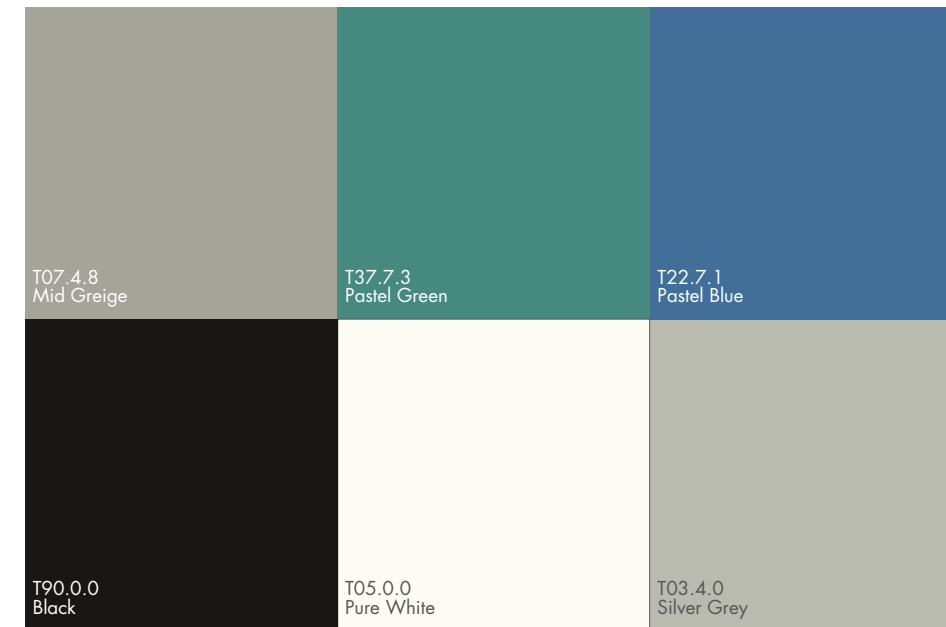


FANTASY & SPECKLES



## TRESPA® TOPLAB® PLUS ALIGN

UNI COLOURS



Order your samples now!

		TRESPA® TOPLAB® PLUS		TRESPA® TOPLAB® PLUS ALIGN
<b>SURFACE</b>	EBC technology	•		•
<b>CORE</b>		Black	Grey	Black Align
<b>THICKNESSES</b>	13 mm (≈1/2 inch)	•	•	•
	16 mm (≈5/8 inch)	•		•
	19 mm (≈3/4 inch)		•	
	20 mm (≈3/4 inch)	•		•
	25 mm (≈1 inch)	•	•	
<b>FINISHES</b>	Crystal Matt	☐ ☐ ☐	☐ ☐	☐ ☐ ☐

\*only available in colour Slate Grey T70.0.0



**SINGLE SIDED DECORATIVE**  
Decorative side with  
non decorative black reverse.



**DOUBLE SIDED DECORATIVE**  
Same colour for front  
and reverse side of the panel.



**DUOCOLOUR**  
Different colour for front  
and reverse side of the panel.

# Top of the Top

Trespa® TopLab® PLUS is the preferred choice of the most demanding customers all over the world. Throughout the years, architects and engineers have partnered with us to turn their ambitious visions into some of the most advanced laboratories of our times: award-winning achievements, which have helped establish Trespa® TopLab® to become a byword for bold and continuous innovation.

- UNITED STATES**
- Princeton University
  - Wisconsin Institute for Discovery
  - ★ MD Anderson Cancer Center, Hospital Laboratories
  - Allen Institute for Brain Science
  - ★ Midwest University, Animal facility
  - Johnson&Johnson, Biosense Webster
  - Buck Institute for Age Research
  - The Chesterfield, Duke University
  - R&D Lab Rancho Santa Margarita
  - Kansas Department Of Transportation
  - Harvard University, Allston Laboratories
  - Broad Institute of MIT and Harvard

- UNITED KINGDOM**
- AstraZeneca Research Centre
  - EMEA-APAC
  - Pfizer Ltd, Laboratories Building 530
  - Novartis
  - ★ Francis Crick Institute
  - Imperial Centre for Translational and Experimental Medicine
  - GlaxoSmithKline, Bioscience Research Park
  - Manchester University
  - Roslin Innovation Centre
  - Unilever

- BELGIUM**
- UZ Leuven, Laboratories Gasthuisberg Campus
  - Procter & Gamble Belgium

- NETHERLANDS**
- Sanquin Bloedbank
  - Radboud University Medical Centre
  - Rosalind Franklin Biotechnology Centre
  - Dutch Forensic Institute
  - Leiden University Medical Centre
  - Exxon Mobil

- GERMANY**
- B.Braun, Avitum Group
  - B.Braun, PNS Melsungen
  - Christian Albrechts University Kiel
  - Diako Mannheim
  - Dr. Oetker
  - Palm Papierfabrik
  - Roche Diagnostics GmbH Mannheim

- SWITZERLAND**
- Novartis

- KUWAIT**
- Kuwait University

- SPAIN**
- Granada University, Faculty of Medicine

- UAE**
- New York University Abu Dhabi

- SINGAPORE**
- Novartis

- SOUTH KOREA**
- ★ CJ Blossom Park
  - Hewlett Packard

- CHINA**
- WuHan CDC (Center for Disease Control and Prevention)
  - Roche RICS Project
  - BASF R&D Center
  - Estee Lauder R&D Center
  - Henkel ICS Project
  - FuDan University

- SAUDI ARABIA**
- ★ King Abdullah University of Science and Technology

- NEW ZEALAND**
- Douglas Pharmaceuticals

- INDIA**
- Atotech Research Centre
  - BASF Green Technology Centre
  - Cairn Energy, Kewaunee Laboratories
  - Huntsman R&D
  - Indian Institute of Science
  - L'Oréal R&D Centre Bangalore
  - SAI Life Science
  - Shell New Technology Centre
  - Syngenta Bioscience

- SOUTH AFRICA**
- Biomedical Research Institute Stellenbosch University

- AUSTRALIA**
- ★ South Australian Health and Medical Research Institute
  - Sciences Teaching Facility B43, University of Wollongong
  - Global Centre for Environmental Remediation, University of Newcastle
  - CSL, Melbourne
  - CSIRO: Commonwealth Scientific and Industrial Research Organisation

★ Lab Of the Year Award Winners (R&D Magazine)



Explore our case studies

# Trespa® TopLab® quality: guaranteed and certified

## 10-YEAR PRODUCT WARRANTY

Our panels are born to last. We want our customers to feel as confident as we are about the durability of the Trespa® TopLab® PLUS range. This is why we offer a 10-year conditional warranty on our product lines. To learn more about our warranty, please visit Trespa.info.



## TESTING, CERTIFICATION AND BRANCH ASSOCIATIONS

Trespa products for scientific surface solutions are tested and certified according to international standards in relation to chemical resistance, low emission, food contact and other properties. Trespa® TopLab® PLUS and TopLab® PLUS ALIGN are certified under the GREENGUARD Gold Certification program and ISEGA Certification program, TopLab® PLUS is certified for certain cleanliness properties by Fraunhofer IPA under the Cleanroom Suitable Materials scheme. Trespa International B.V. is a member of SEFA (Scientific Equipment and Furniture Association), EGNATON (European Association for Sustainable Laboratory Technologies) and VIP3000 (Association for Cleanrooms and Pharmaceutical Construction).



## OUR COMMITMENT TO RENEWABLE RESOURCES

Trespa® TopLab® PLUS and TopLab® PLUS ALIGN are available as part of the Programme for the Endorsement of Forest Certification™ (PEFC™) or Forestry Stewardship Council™ (FSC™) certification upon request for restricted quantities and jurisdictions. The use of FSC™ and PEFC™ certified Trespa panels may also count towards points for green building certification systems such as LEED, BREEAM and DGNB. These certifications are part of the initiatives resulting from Trespa's Sustainability Policy, through which the company shows its commitment to the use of raw materials from sustainable sources and to forest preservation. The Trespa® TopLab® line has been granted an Environmental Product Declaration issued by EPD International AB.



TO  
INSPIRE

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### QUESTIONS

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