TRESPA – LIDL INTRODUCTION

APRIL 2025

TRESPA®

TRESPA INTERNATIONAL B.V.

TRESPA® is part of BROADVIEW

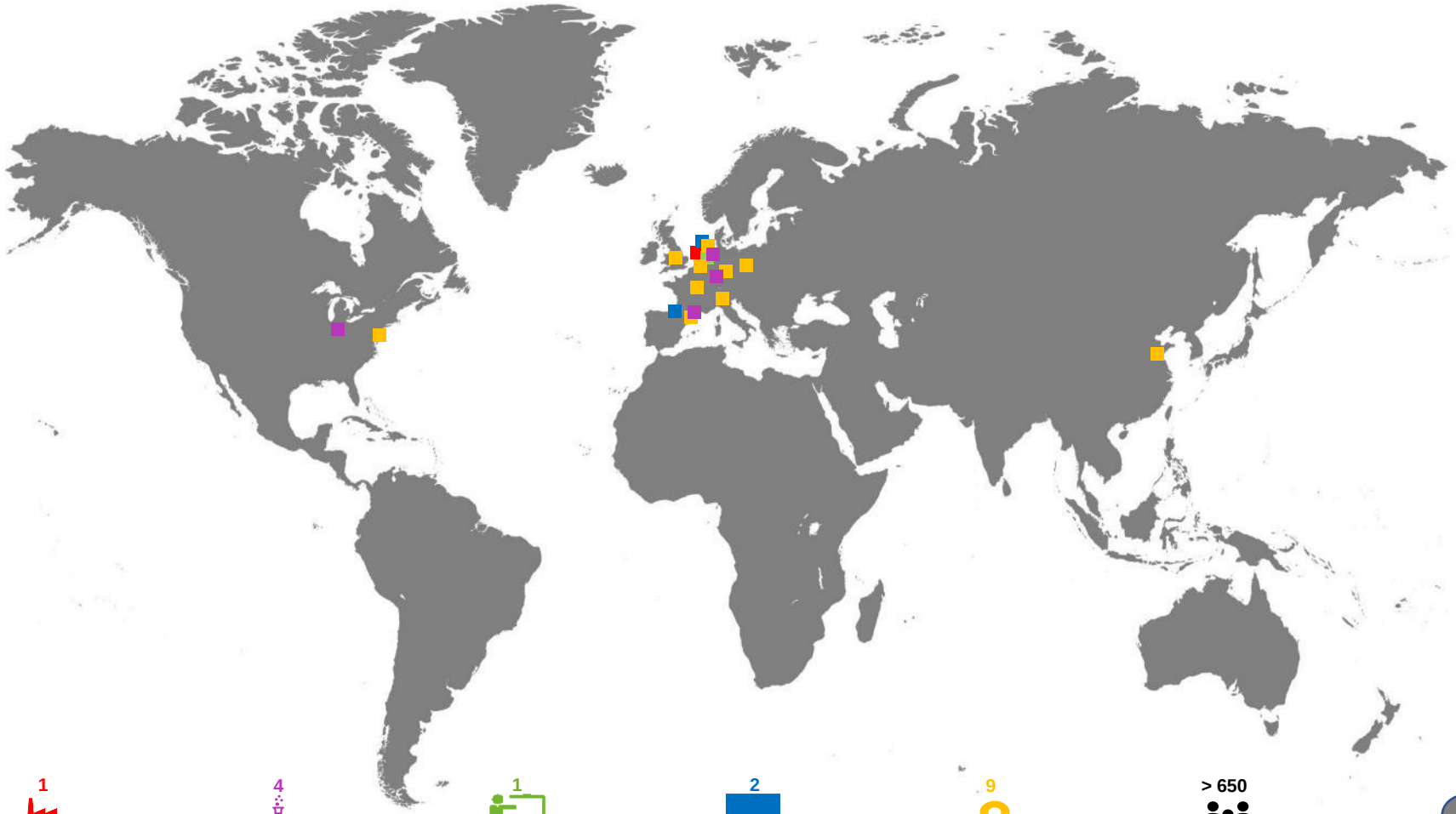
Just like..

TRESPA INTERNATIONAL B.V.
Based in Weert, the Netherlands

Trespa International B.V.
Customer Service Department
Wetering 20
6002 SM Weert
The Netherlands

TRESPA®

GLOBAL PRESENCE



HQrd in Weert, NL

9 Sales Organisations

2 Design Centres

Worldwide availability

1 Production facility

4 Nemho (R&D)

1 ITC Installer Training Centre

2 Design Centre

9 Local sales organisations

> 650 Employees

Delivery in > 80 countries

TRESPA®

TRESPA OPERATES IN TWO MARKET SECTORS
EXTERIOR SOLUTIONS & SCIENTIFIC SURFACE SOLUTIONS

Exterior Solutions

Trespa® Meteon®

Trespa® Izeon® (only BENELUX)

Pura® NFC by Trespa (not released for all countries)

Scientific Surface Solutions

Trespa® TopLab®PLUS

Trespa® TopLab®VERTICAL

Trespa® TopLab®BASE

TRESPA®

EXTERIOR SOLUTIONS

TRESPA® METEON®

Ventilated façades

Balconies

Sunblinds

TRESPA®

THE TRESPA STANDARD

OUR SUSTAINABILITY STORY

TRESPA® METEON®
PURA® NFC

March 2024 – version 3

Our sector is having an impact

39%

We know the impact our industry has on the environment. By recognising this fact we can make more responsible choices, disrupt the way 'things are done' and set **The Trespa Standard**.

Our sector's significant environmental footprint is down to its use of energy-intensive materials and processes. Buildings are currently responsible for 39%* of global energy related carbon emissions. Our goal is to help reduce this.

We want to help lead the industry towards more sustainable practices and set new standards to empower informed decisions backed by data.

* Bringing Embodied Carbon Upfront report from The World Green Building Council (WorldGBC)

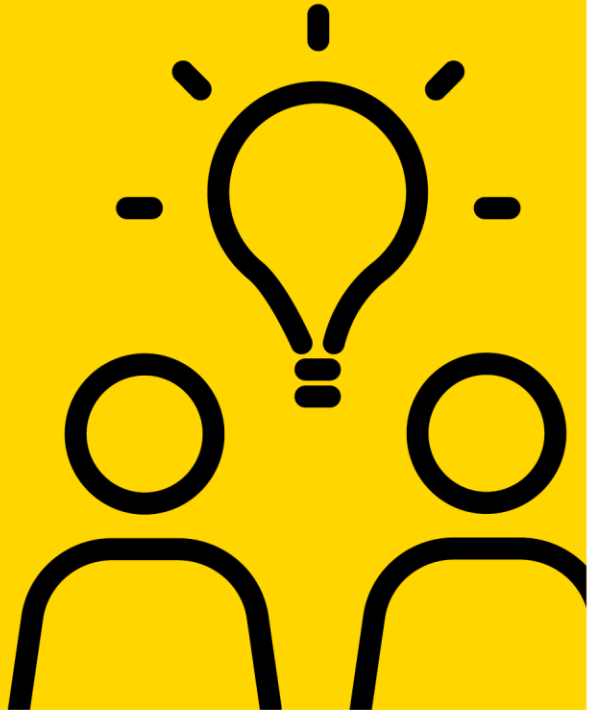
We want to inspire the industry to follow our standard

We’re bold.

We say it how it is.

We speak directly to our audience.

We’re positive but we NEVER overclaim.



We’re clear.

We focus on what people want to know.

We make the technical information, clear.

We avoid buzzwords and jargon.

We’re unapologetic.

We’re grounded in evidence.

We write with confidence.

We’re transparent about what we’re doing how and why we’re doing it, whatever it is.

TRESPA®

Our focus is CO_2
Carbon emissions explained

1 **Embodied carbon when the product is manufactured**

2 **Operational carbon during the building life**

3 **Carbon generated at the end of life**

TRESPA®

The carbon story

Lowering CO_2 emissions

By combining high quality raw materials with our innovative technology, we can contain CO_2 for our product's lifetime. Even at the end of their first service life, our Second Life programme repurposes and extends the lifecycle of our panels.

All the solutions that go into creating our products help lower your building's embodied and operational CO_2.

Ventilated facades

Minimising energy consumption and improving thermal comfort to lower down your operational carbon footprint.

High quality raw materials

Our panels are manufactured with resins and wood-fibres, enabling the storage of carbon within the wood-fibres.

Efficient production

Continuous improvements in manufacturing, leveraging innovative technology that we strive to refine to enhance efficiency and help reduce CO_2.

Built to last

Innovative technology ensures colour stability, impact resistance, cleanability, low maintenance and allows for durability: keeping carbon stored for longer.

Extended lifespan

Our Trespa Second Life programme means our panels can be reused – extending their lifespan and keeping carbon stored for even longer.

The carbon story

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Built to last: what does it mean?

- Weather resistance and colour stability
- Low maintenance and easy to clean
- Impact resistant
- Durable
- Sustainability: Trespa Second Life

Resistance to artifical weathering

Acc. to EN 438-2, clause 29

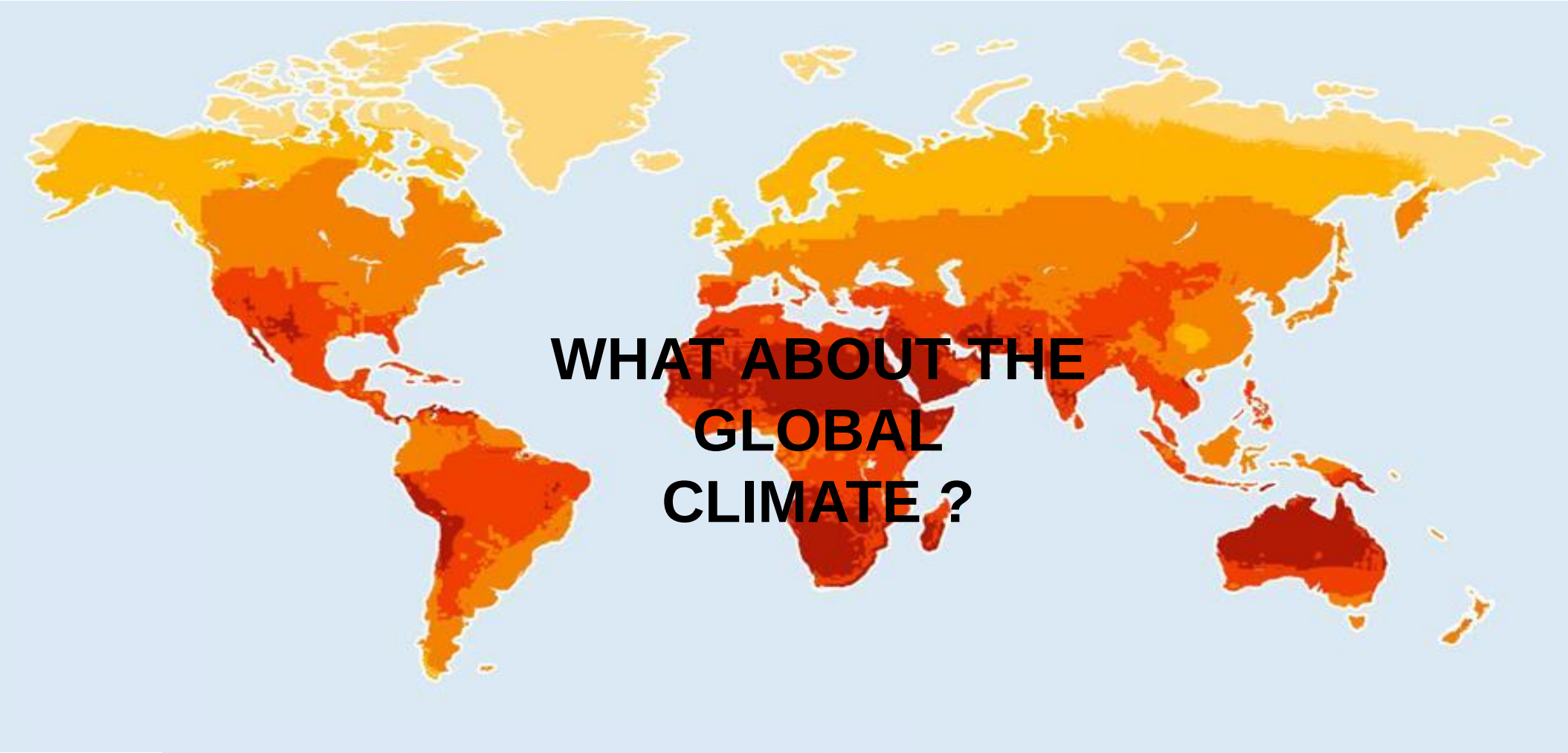
Table 4 — Weather resistance requirements

Property	Test method (EN 438-2) Clause no.)	Property or attribute	Unit (max. or min.)	Laminate grade	
				EGS and EGF	EDS and EDF
Resistance to artificial weathering (including light fastness)	29	Contrast	Grey scale rating (not worse than)	3 (after 325 MJ/m^2 radiant exposure)	3 (after 650 MJ/m^2 radiant exposure)
		Appearance	Rating (min)	4 (after 325 MJ/m^2 radiant exposure)	4 (after 650 MJ/m^2 radiant exposure)

NOTE 1
650 MJ/m^2 radiant exposure at 300 to 400 nm equates to 5,4 MJ/m^2 at 340 nm, and corresponds to approximately **3000** hours exposure (see note 2) at unchanged level of irradiance.
325 MJ/m^2 radiant exposure at 300 to 400 nm equates to 2,7 MJ/m^2 at 340 nm, and corresponds to approximately **1500** hours exposure
(see note 2) at unchanged level of irradiance.

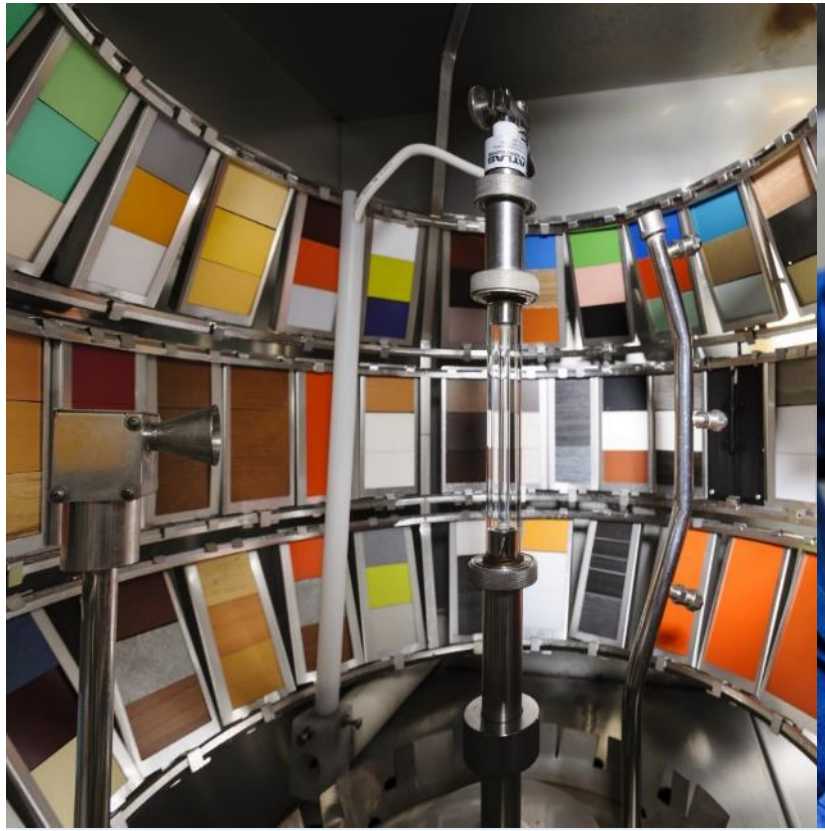
Resistance to artifical weathering

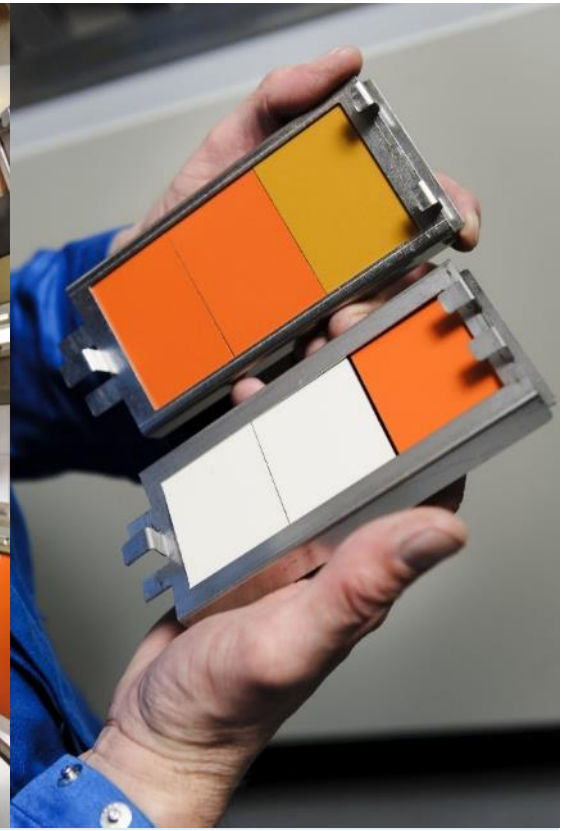
Acc. to EN 438-2, clause 29



Weather resistance and colour stability

We go beyond what is minimally required





TRESPA METEON & PURA® NFC PANELS ENDURE 3000 H* OF ARTIFICIAL AGING.

* COMPARABLE TO 10 YEARS OF REAL-TIME WEATHERING

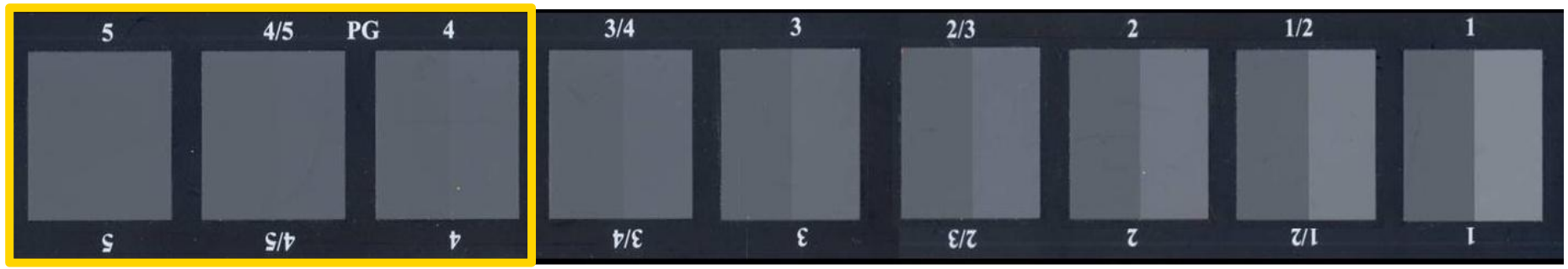
NEXT TO EXPOSURE TO **WEST EUROPEAN CLIMATE** CYCLE, PANELS ARE EXPOSED TO EXTREME **FLORIDA CLIMATE** (TRESPA INTERNAL TEST METHOD)

- West European Cycle:
  EN 438-2: 29, 3000 hours
- Florida Cycle, 3000 hours
- Florida Cycle test appears to be about
  3 times more severe than the West European Cycle
  (**EN 438-2: 29 3000 hours ≈ 1000 hours Florida cycle** based on the tested sample)

Weather resistance and colour stability

We go beyond what is minimally required

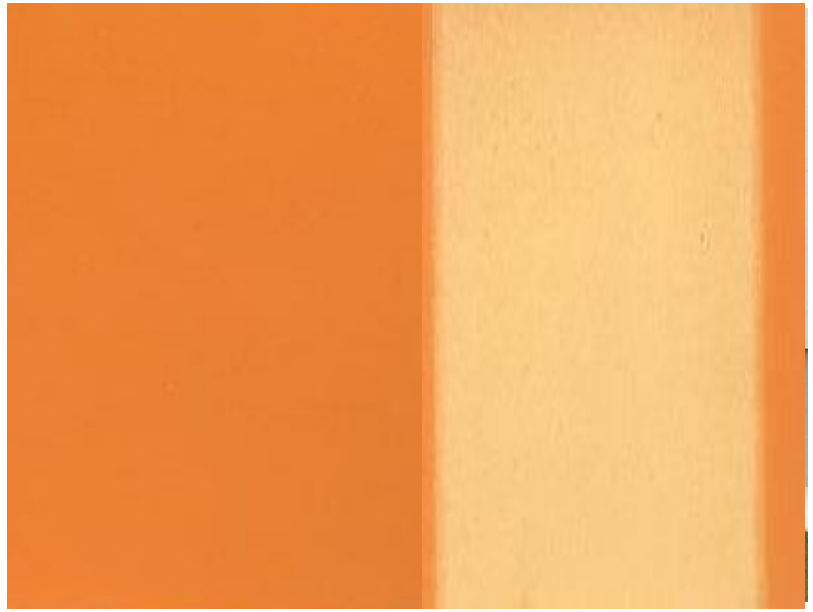
PROPERTY For Meteon® & Pura® NFC	TEST METHOD	PROPERTY ATTRIBUTE	UNIT	GRADE: EDF STANDARD: EN438-6 COLOUR/DÉCOR: ALL
Resistance to artificial weathering West- European Cycle – 3000 h	EN 438-2 : 29	Contrast	Grey Scale ISO 105 A02	4 - 5
		Appearance	Rating	≥ 4
Resistance to artificial weathering Florida cycle – 3000 h	Trespa standard	Contrast	Grey Scale ISO 105 A02	4 - 5
		Appearance	Rating	≥ 4



Grey scale rating:

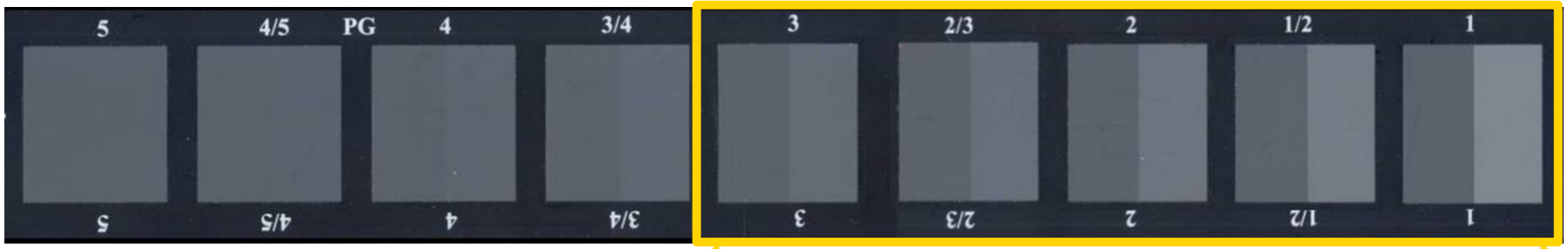
- **5: No visible change**
- 4: Change of Gloss only
- 3: Hairline surface cracks and/or erosion of surface
- 2: Surface cracks
- 1: Blistering and/or delamination

Colour stability of others



surface cracks

3000 hours Florida cycle testing would show



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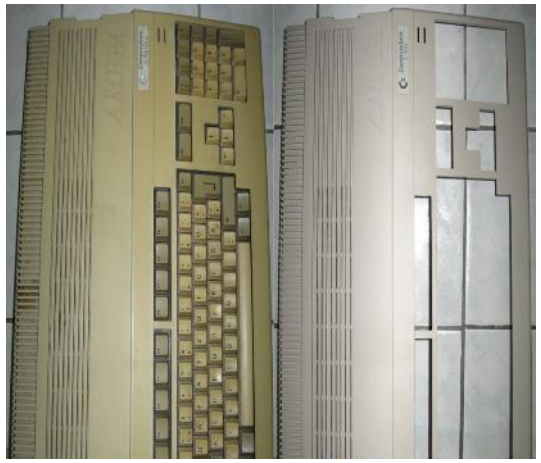
Trespa's innovative EBC (Electron Beam Curing) **technology** means:

No yellowing

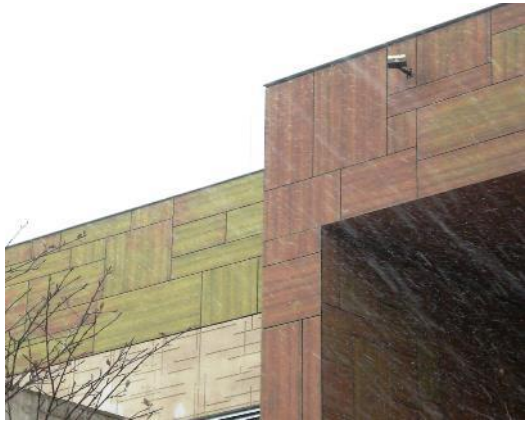


No bleaching

No breaking decors

No delamination

No significant colouring



No sealing of joints needed

Low maintenance and easy to clean

Soft cleaning with water and soap and high-pressure cleaner will do

A mixture of soot and diesel oil (100 ml) applied and dried for 1h in the oven at 80°C

Low maintenance and easy to clean

With the right products, heavy duty cleaning is possible

- Red car lacquer – high quality
- Oil-based permanent marker (EDDING 3000)
- Red crayon (brand: KADEEM)
- Acrylic lacquer – cheap spray aerosol (brand: FIETS-o-FIT b.v.)
- Standard pencil (brand: PENTEL)
- Blue whiteboard marker – dry erasable (brand: AUBECQ)

Low maintenance and easy to clean

Ensures that the building’s façade maintains its own, unique look

- Cleaning Video Trespa Meteon

They take care of themselves, really.”
A main attraction towards the panels is that optically they look nice as they are very colourful. They are also very easy to clean with just water and soap.” (p.34-35)

- ANDREAS HAGEN, HEAD OF BUILDING MAINTENANCE AT GRWS-WOHNUNGSBAU- UND SANIERUNGSGESELLSCHAFT, P9 KLINIKUM CAR PARK ROSEMHEIM (DE)

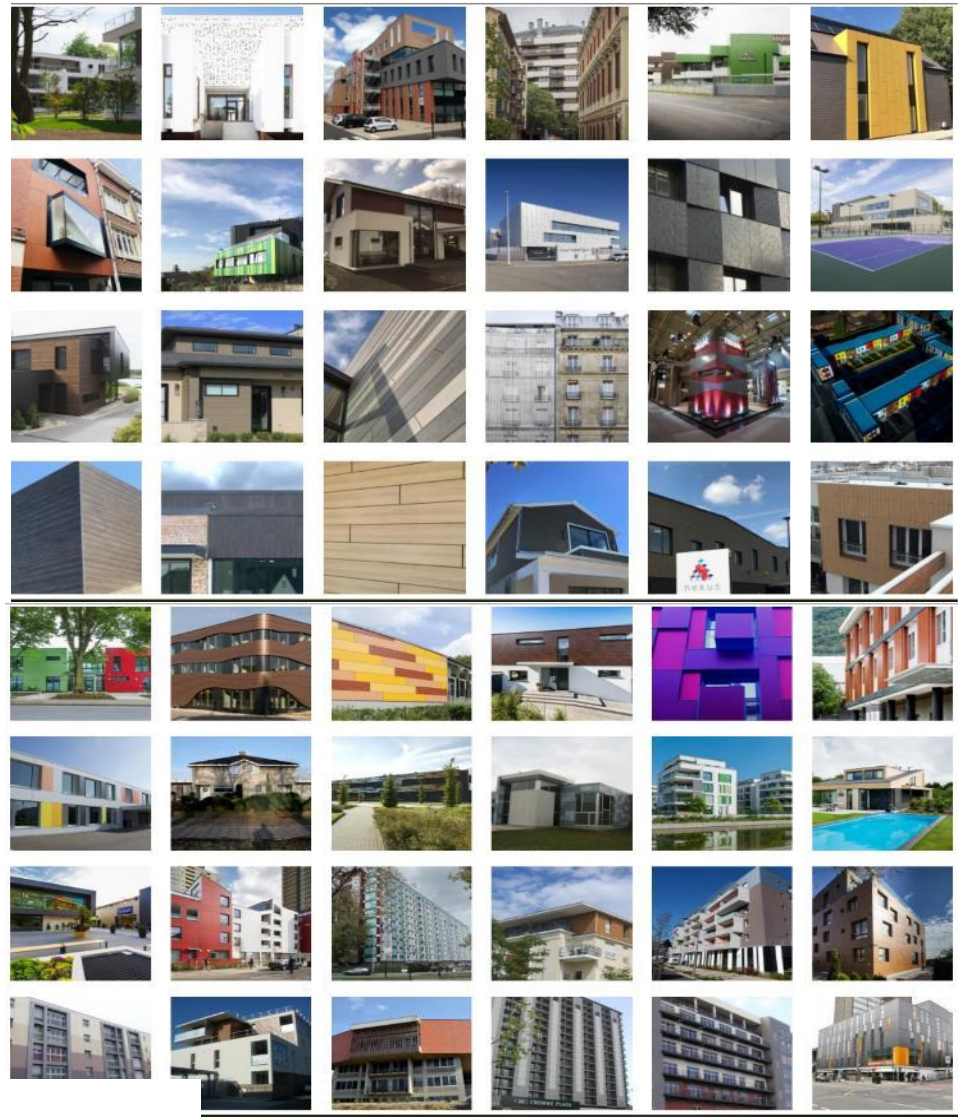
Easy maintenance and energy saving may not seem that relevant in a luxury house, but this is actually very important for the durability of the building itself and, of course, for the environment. Moreover, having a house that always looks good without too much maintenance is definitely an added value.” (p. 8-13)

- ANDREA ROSSETTI, ARCHITECT AT ARK’IT , LDN RESIDENCES, TREVISO (IT)

In my experience Trespa® Meteon® has one of the easiest surface panels to clean. Graffiti can be removed completely, yet the surface quality remains totally unaffected. This is worth mentioning because it is quite unique.”

- HELGE WEISS, TECHNICAL AND COMMERCIAL DIRECTOR, TILAN SARL, FRANCE

EXPERIENCE!



Weather resistance and colour stability

For decades and beyond… still the same!

UMC ST. RADBOUD
NIJMEGEN
THE NETHERLANDS

24
YEARS

Built in 1990
Revisited in 2014

Trespa® Meteon® was chosen again, for the same practical reasons and to retain the overall openness of the facility. Since then, many new hospital facilities have been added, yet the original building is still as timeless as it was designed to be."

- FRED MEERDINK, CROONEN ARCHITECTS

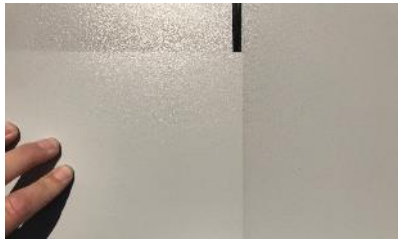
Weather resistance and colour stability

For decades and beyond… still the same!

FURNITURE STORE
PENZBERG
GERMANY

24
YEARS

Built in 1995
Revisited in 2019



Weather resistance and colour stability

For decades and beyond… still the same, even in sunny climates!

CHEM. DEPARTMENT
BARCELONA
SPAIN

22
YEARS

Built in 1991
Revisited in 2013

Overall the building looks good, similar to the way it looked on the first day, with noble aging."

- JORDI FABRÉ, FABRÉ & TORRAS ARCHITECTS

Weather resistance and colour stability

For decades and beyond… still the same, even in coastal and salty areas!

SHORE HOTEL
SANTA MONICA
UNITED STATES

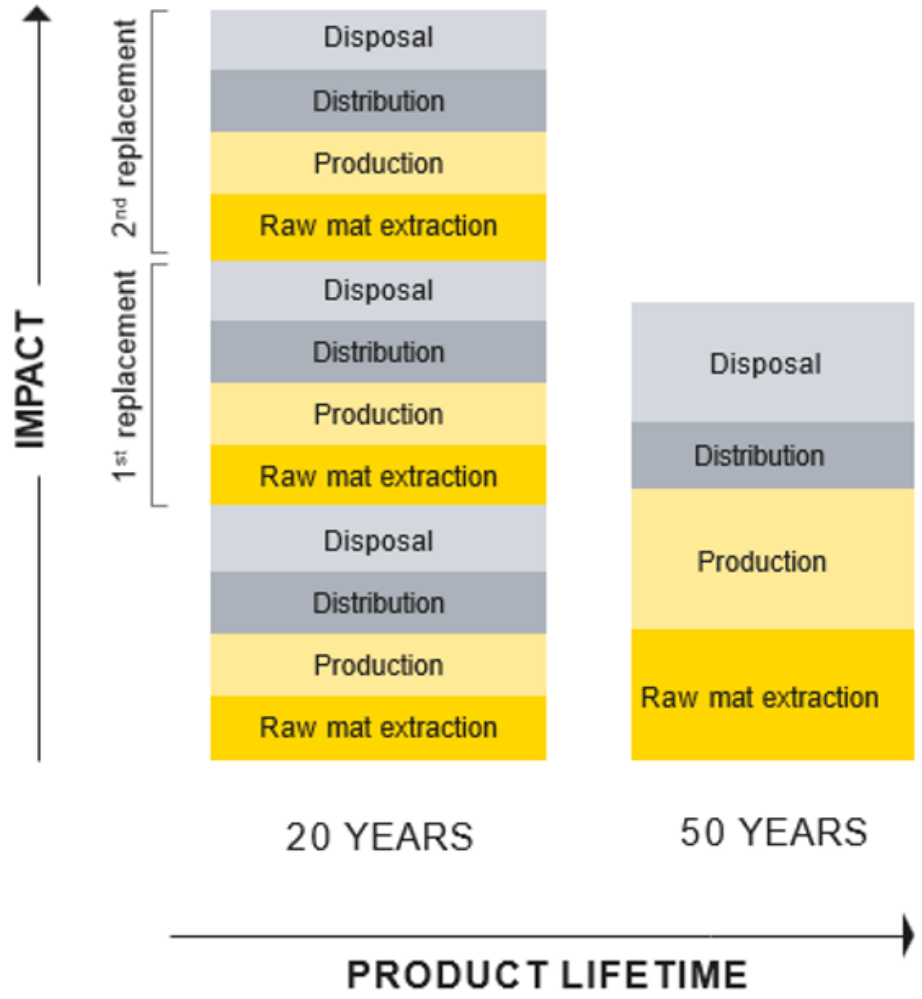
9
YEARS

Built in 2011

Careful thought was put into the selection of materials that could withstand the effects of sea air and the batting Californian sun, guaranteeing the chic image of the place."

- CLAUDIUS MARKWORTH, ARCHITECT

Durability is crucial for sustainability



Trespa Second Life

Making **Reuse** of Building Materials **Happen**
to reduce Waste & CO_2 Emissions.

TRESPA®

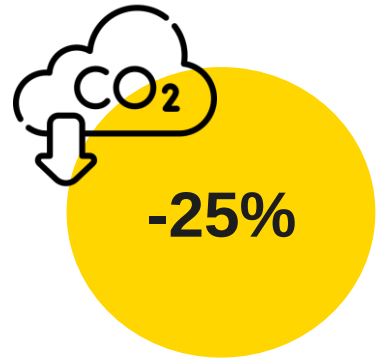
Second Life is Reuse, preferred to Recycle

Trespa Second Life aims to Keep Carbon stored for Longer

Trespa panels consist of at least 58% bio-based materials (woodfibres). Forests and crops absorb CO2 from the atmosphere during their growth and continue storing it once harvested.

Consequently, one M2 of Trespa Meteon FR stores approx. 12 kg of CO_2 eq. If Trespa panels get a **second life this reduces the impact over their entire lifetime by ~25%**

Source: *EPD-IES-0007213:003 (S-P-07213) - Trespa® Meteon® EDF grade 8mm (environdec.com)*



> Trespa Second Life aims to extend the period for which this carbon remains stored in the panels

Let's change our Environmental impact, together

Trespa Second Life

Make **Reuse** of Building Materials **Happen**

Trespa Second Life

Removing old Trespa panels

Processing the used Trespa panels

Applying used Trespa panels for a second life

TRESPA®


Trespa
Second
Life
Second Life,
Getting started!
TRESPA®

Let's start to supply Trespa Second Life

Trespa Second Life

COUNTRIES

Netherlands

Belgium

Germany

France

PRODUCTS

Trespa®
Meteon®

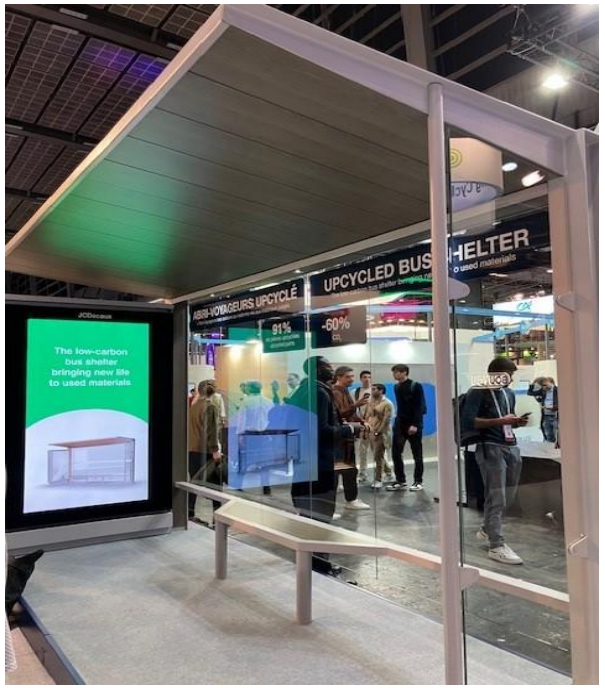
All Decors
All Finishes
All Sizes
All Thicknesses

Installed panels
All Buildings type
All Applications type

TRESPA®

These partners have already started!

Ecoborg shed made with used materials.



JCDecaux circular bus shelter produced with used materials.

Duplex Studio chairs with used Trespa panels.

Trespa Second Life

Trespa Second Life

Trespa Second Life is started to encourage the transition to a circular economy. For Trespa, it's not a commercial program.

Let's get started, together!

TRESPA®

Trespa Second Life

Let’s change our Environmental impact, together

TRESPA®

THANK YOU

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FOR GENERATIONS TO COME, WE PROUDLY CREATE
HIGH-PERFORMING DECORATIVE SURFACES

TRESPA®