

RESOPAL®

HEALTHCARE

EN-ED.2026

RESOPAL® Healthcare
Functional and decorative surfaces



RESOPAL® Healthcare

In healthcare projects, expertise, high quality, hygiene, and design are the keys to success.

When designing buildings for the hospital- and healthcare sector, special demands are placed on materials. Hygienic functionality, durability and - last but not least - design, make major contributions to patients' care and recovery. Thanks to many years of expertise and continuous research and development, Resopal can offer architects and planners comprehensive assistance in facing these challenges.

While the healthcare system is confronted with rapidly changing technology such as smart hospitals and digitalization, we at Resopal offer continuity and reliability. As a strong partner by your side, we view spaces as a complete entity and help you sustainably design all five areas of the zone system as defined by the RKI⁽¹⁾. Plan core elements such as walls, doors, furniture and bathrooms without compromising on functionality.

Resopal products are resistant to impact, scratches and abrasion, and are heat-resistant and lightfast. They are also stain-resistant, easy to clean and disinfect, and resistant to water, solvents and most chemicals. Flame-retardant versions are available if required.

Resopal also supports you with one of today's greatest challenges - maintaining the highest standards of hygiene. Thanks to a special additive, our HPL, compact panels and HPL bonded boards all have antibacterial properties as standard. Evidence shows that this prevents bacteria, including MRSA pathogens, from colonizing, minimizing the effort of regular cleaning protocols and providing patients with additional protection.

Our products can therefore be used in reception areas, patient rooms, corridors and special wards, right through to operating theatres. Let yourself be inspired by the wide range of possible applications - illustrated in our reference projects.

⁽¹⁾ The Robert Koch Institute (RKI) is the government's central scientific institution in the field of biomedicine. It is one of the most important bodies for the safeguarding of public health in Germany. (https://www.rki.de/EN/Content/Institute/institute_node.html)



HEALTHCARE

FUNCTIONAL AND DECORATIVE SURFACES

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OUR EXPERTISE

OUR EXPERTISE

A one-of-a-kind partner

SUPPORT FROM PLANNING THROUGH TO THE OPENING OF HEALTHCARE FACILITIES

As a partner with over 90 years of experience and expertise, Resopal works with stakeholders in both the public and private healthcare sectors and offers expert support in both new construction and refurbishment projects.

Healthcare facilities must constantly reinvent themselves to meet ever-changing challenges. We therefore consider all your architectural requirements, including:

- User comfort and well-being through the creation of functional, coherent and tastefully designed spaces.
- Patient-appropriate design of treatment and care areas for improved healing architecture.
- Schedule planning for an effective, profitable investment, considering technical, regulatory and financial requirements.

We can offer you holistic decorative and functional solutions that meet your stringent requirements in terms of installation, maintenance and care.

TAILOR-MADE PRODUCTS FOR SPACES OF ANY KIND

ALWAYS AT YOUR SIDE

You can count on us throughout every stage of your project – success and time saving are guaranteed. We are known not only for our detailed knowledge of our products, but also for our excellent service.

DATA MODELLING FOR CONSTRUCTION PROJECTS

BIM models containing more than 30 technical features per product can be downloaded from the RESOPAL website.

EXPRESS DELIVERY OF SAMPLES

All samples ordered by 3:00 pm are dispatched on the same day.

TECHNICAL DATA SHEETS

The technical properties of our products comply with current standards and customers' needs.

DATA SHEET ON RESISTANCE OF RESOPAL® SURFACES

A list of more than 100 commonly occurring or used substances that have been tested on our products (RESOPAL HPL and RESOPAL COMPACT).

PROCESSING INSTRUCTIONS

Important information on using our products for desired applications.

CLEANING AND CARE INSTRUCTIONS

Overview of disinfectant resistance according to the RKI list, test report on the decontamination of RESOPAL surfaces, and our own cleaning and care instructions with tested cleaners for melamine and acrylic surfaces.

OUR CONTRIBUTION TO THE FUTURE

We aim to create smart, sustainable products that deliver long-term benefits for our customers. This means considering every stage of a product's life cycle, from the selection of raw materials, energy consumption and everyday use in its designated space, through to its eventual disposal.

OUR EXPERTISE

Our environmentally friendly waste management initiative is geared toward finding solutions to optimize the disposal of our products.



Whether it's increasing energy efficiency in manufacturing or sourcing natural resources responsibly and sparingly, we strive to make decisions that lead to smarter sustainability.

We design our products to ensure the health and safety of everyone who comes into contact with them. We also focus on continuous improvements to minimize their environmental impact.

Further information can be found here:
→ <https://www.resopal.de/environmental-approach-en>



A MANUFACTURER COMMITTED TO THE ENVIRONMENT

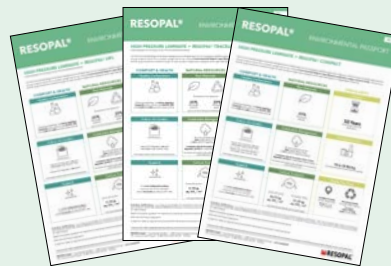
As a manufacturer, Resopal has launched an environmental initiative to provide its customers with concise information about the environmental impact of its products.

LIFECYCLE ANALYSIS

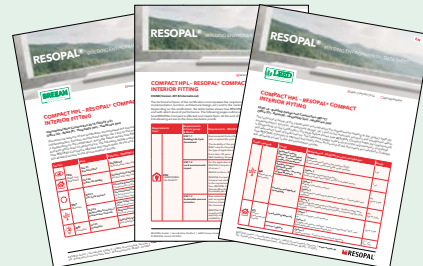
Environmental Product Declarations (EPDs)
- Long-lasting products (up to 50 years)
- Renewable materials / proportion of biogenic carbon



RESOPAL environmental passports



RESOPAL environmental data sheets (DGNB/LEED BREEAM)



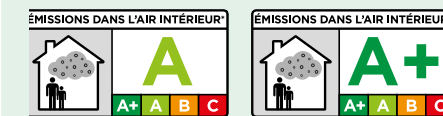
A production site in Germany since 1946 and others in Western Europe

INDOOR AIR QUALITY

Low formaldehyde emissions



(VOC) Volatile Organic Compounds Eurofins
INDOOR AIR COMFORT GOLD compliant



Emission test DE-UZ 76 (Blue Angel)
& according to AgBB/AGB
Allergy-friendly products.
ECARF Seal of Quality



MAXIMUM TRANSPARENCY

Transparent product composition

Material	Weight %	Material	Weight %
Aluminum	1.50	Steel	1.50
Stainless steel	1.50	Brass	1.50
Copper	1.50	Gold	1.50
Silver	1.50	Palladium	1.50
Platinum	1.50	Iron	1.50
Carbon	1.50	Wood	1.50
Glass	1.50	Concrete	1.50
Polymers	1.50	Paints	1.50
Adhesives	1.50	Sealants	1.50
Fasteners	1.50	Tools	1.50
Accessories	1.50	Others	1.50

Products listed on the DGNB NAVIGATOR platform



Products listed on ECO Platform/Eco Building Data ECO Platform/Eco Building Data

ENVIRONMENTALLY FRIENDLY PRODUCTS



Made from PEFC or FSC® certified wood for sustainable wood sourcing (available upon request)



Post-consumer recycled content (self-declared)



20%
"Post-consumer"
recycled paper



48%
"Post-consumer"
recycled wood



75%
"Post-consumer"
recycled wood and
recycled paper



29%
"Post-consumer"
Recycled wood

Natural raw materials
65% renewable raw materials/paper
35% from water-based resins



Continuous reduction
of product carbon footprint

CERTIFIED MANAGEMENT SYSTEMS



Quality management ISO 9001
Environmental management ISO 14001
Energy management ISO 50001

HEALTH ASPECTS



99.9% antibacterial effectiveness



Food-safe and allergy-friendly



Easy-care and hygienic products with non-porous surfaces



The chemical substances are below the legal limits and comply with the lists of prohibited substances in REACH, RoHS, BPR, Cradle-to-Cradle, etc.

Detailed and further information can be found in our product data sheets on our website.



AREAS OF APPLICATION

AREAS OF APPLICATION

Our solutions for your facility

TAILOR-MADE SOLUTIONS
FOR AREAS OF ANY TYPE

Zone **1** AREAS WITHOUT
RISK OF INFECTION

- AREAS**
Corridors, staircases, administrative offices, offices in general, classrooms, dining rooms, lounges, lecture rooms, technical areas.
- CLEANING** | Daily cleaning
- PRODUCTS**
- Melamine-faced boards
 - HPL
 - HPL bonded boards
 - Wet room elements
 - Compact panels for indoor use
 - Compact panels for outdoor use

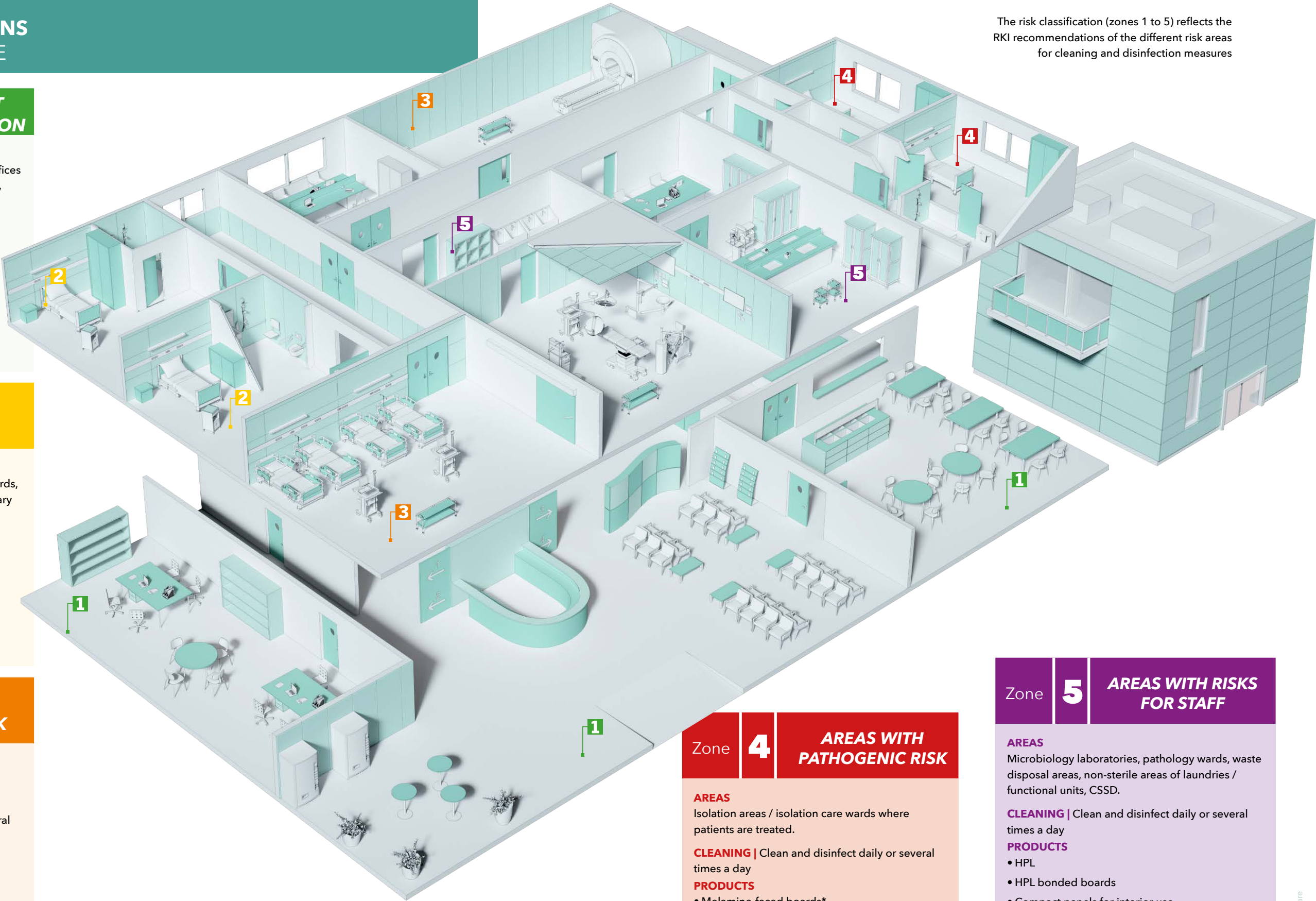
Zone **2** AREAS WITH
POSSIBLE RISK

- AREAS**
General wards, outpatient areas, maternity wards, radiology wards, physical therapy areas, sanitary facilities, dialysis wards, intensive care.
- CLEANING** | Daily cleaning and disinfection
- PRODUCTS**
- Melamine-faced boards*
 - HPL
 - HPL bonded boards
 - Wet room elements
 - Compact panels for interior use

Zone **3** AREAS WITH
PARTICULAR RISK

- AREAS**
Operation wards, operating theatres, special intensive care, transplants, haematology-oncology, pre-term infant wards.
- CLEANING** | Clean and disinfect daily or several times a day
- PRODUCTS**
- HPL
 - HPL bonded boards
 - Wet room elements
 - Compact panels for interior use
 - Compact panels for laboratories

*Not for heavy-duty applications



The risk classification (zones 1 to 5) reflects the RKI recommendations of the different risk areas for cleaning and disinfection measures

Zone **4** AREAS WITH
PATHOGENIC RISK

- AREAS**
Isolation areas / isolation care wards where patients are treated.
- CLEANING** | Clean and disinfect daily or several times a day
- PRODUCTS**
- Melamine-faced boards*
 - HPL
 - HPL bonded boards
 - Compact panels for interior use

Zone **5** AREAS WITH RISKS
FOR STAFF

- AREAS**
Microbiology laboratories, pathology wards, waste disposal areas, non-sterile areas of laundries / functional units, CSSD.
- CLEANING** | Clean and disinfect daily or several times a day
- PRODUCTS**
- HPL
 - HPL bonded boards
 - Compact panels for interior use
 - Wet room elements
 - Compact panels for laboratories

TAILOR-MADE PRODUCTS
FOR AREAS OF ANY TYPE

RESOPAL® Products



PRODUCTS & APPLICATIONS

PRODUCTS & APPLICATIONS

Your needs, our products

DISINFECTION AND DECONTAMINATION ANTIBACTERIAL PROTECTION AND DECONTAMINATION FOR YOUR NEEDS

DISINFECTION: ANTIBACTERIAL PROTECTION

ALL OF OUR PRODUCTS ARE ANTIBACTERIALLY TREATED*

In Europe, more than 2.5 million people contract hospital-acquired infections every year. Multi-resistant bacteria pose massive challenges for healthcare professionals. In addition to inspection methods and hygiene regulations, structural measures are also playing an increasingly important role in systematically addressing the problem. An important starting point is therefore the use of surfaces that prevent the spread of bacteria.

With RESOPAL Antibacterial, Resopal offers an antibacterial surface for HPL, direct-coated chipboard, and compact laminate panels, which provides additional protection wherever cleanliness alone is not enough: in hospitals, medical practices and laboratories, as well as in commercial kitchens or in sanitary facilities.

INNOVATION IN HEALTHCARE APPLICATIONS

We offer innovative products with a silver ion-based antibacterial effect available at no additional cost.

- Food-safe
- Antibacterial effect without danger to humans or the environment
- No nanoparticles
- Lasting protection
- Preserves aesthetics and technical performance

ACTIVE INGREDIENTS INTEGRATED INTO THE MATERIAL

- Active protective layer made of silver ions**
- The additive is integrated into the surface to ensure antibacterial protection throughout the product's lifecycle
- This does not affect the technical and aesthetic performance of our HPL and compact products
- The silver ions block the process of cell division, thereby reducing the growth of bacteria
- This treatment is a non-migratory inorganic solution that does not change over time

EFFECTIVENESS

- 99.9% of tested bacteria killed within 24 hours
- Tested according to JIS Z 2801 and ISO 22196
- Expert opinion of the research and investigation company ISEGA

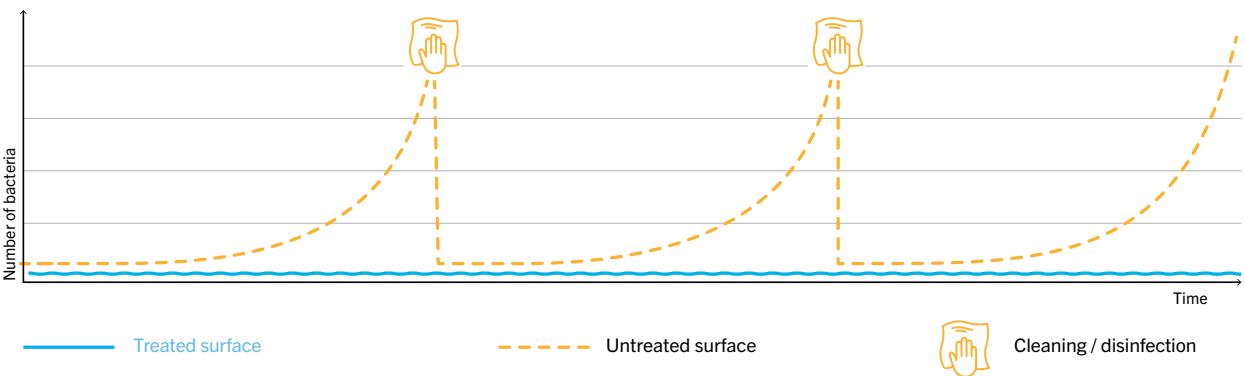
EFFECTIVENESS TESTED ON 7 BACTERIA

- Escherichia coli
- Klebsiella pneumoniae
- Listeria monocytogenes
- Pseudomonas aeruginosa
- Salmonella enterica
- Staphylococcus aureus
- Staphylococcus aureus (MRSA)

CUSTOMIZED PROTECTION FOR YOUR HEALTHCARE FACILITIES

- Complements cleaning and disinfection procedures.
- Complements surface cleanliness by reducing bacteria. Supports general hygiene management.
- Resistant to disinfectants and medical products pursuant to the "Resistant to disinfectants RESOPAL surfaces" data sheet.

CLEANING CYCLES

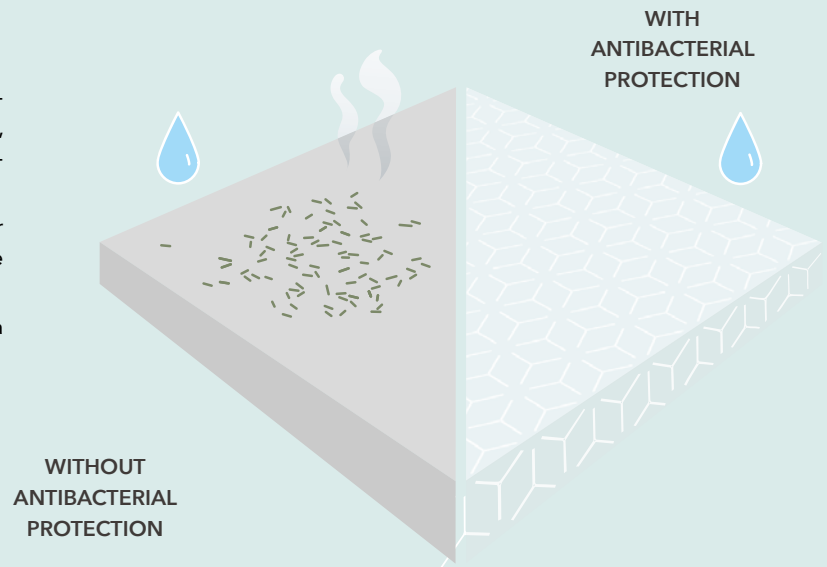


HOW DOES IT WORK?

RESOPAL Antibacterial has active ingredients (silver phosphate glass) dissolved in melamine resin, with which the decorative top layer of the laminate is saturated.

As soon as the surface encounters moisture, silver ions (Ag+) encapsulated in small glass beads are activated.

These silver ions reduce the number of bacteria and prevent further cell division.



DECONTAMINATION: CLEANING OF RADIOACTIVE MATERIALS

Decontamination is the cleaning of surfaces that have come into contact with radioactive substances in laboratories, hospitals and medical practices.

The ability to be decontaminated is an important selection criterion for materials where surfaces must be able to be cleaned of contaminants quickly and, if possible, without damage to the surface.

Contaminating radioactive substances must only be able to be absorbed by the material surface to a small extent, and it must be possible to remove them again as quickly and easily as possible.

RESOPAL HPL and RESOPAL HPL Compact have been tested according to DIN 25415 with excellent results and are "very easy to decontaminate" simply using water

*The Traceless Premium surface texture and Durcon®-SPC-Chemical range are antibacterial and therefore do not need any additional treatment. The RESOPAL range and TS/TL surface textures are not antibacterially treated.

**Fulfills requirements for biocidal products (EU 528 / 2012) and for chemical substances according to REACH.

THE RIGHT PRODUCT FOR EVERY APPLICATION

DURABLE, LONG-LASTING AND HYGIENIC

HPL to apply to various substrates

- RESOPAL® HPL
- RESOPAL® HPL Colour
- RESOPAL® HPL Pure White
- RESOPAL® Real Metal
- RESOPAL® Magnetic
- Motiv in RESOPAL®
- RESOPAL® HPL Traceless
- RESOPAL® HPL Traceless Premium
- RESOPAL® HPL Creative Selection



Abrasion-resistant*

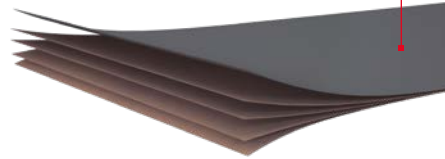


Easy to clean



Impact-resistant**

High Pressure Laminate HPL



* may vary depending on product category
** dependant upon thickness of HPL and substrate

HOLISTIC SOLUTION

Solution with very few joints for wet rooms



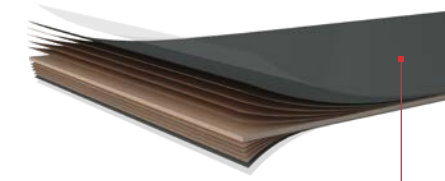
Moisture-resistant



Abrasion-resistant



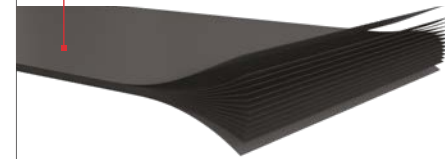
Easy to clean



- RESOPAL SpaStyling® Boards

SpaStyling | Wet room wall boards

Compact HPL



Moisture-resistant



Easy to clean



Impact-resistant



UV resistance



Weatherproof

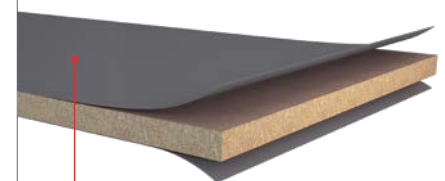
THICK, VERSATILE MATERIAL

Thick HPL panels, untreated edges, free-standing if ≥ 6 mm

- RESOPAL® Compact
- RESOPAL® Compact Colour
- RESOPAL® Compact Traceless
- RESOPAL® Compact Traceless Premium
- RESOPAL® Compact Creative Selection
- RESOPAL® Compact Pure White

Exterior use:

- RESOPAL®
- Motiv in RESOPAL®
- RESOPAL® X-Line



Easy to machine



Easy to clean

DECORATIVE AND COST-EFFECTIVE

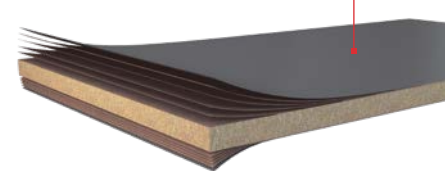
Easy to machine, panels come ready to use

- RESOPAL® MFB
- RESOPAL® Traceless Faced Board

Melamine-Faced Board | Faced Board

Bonded Boards

All decors are also available as bonded boards



SERVICE AND EFFICIENCY

Easy to machine, panels come ready to use



Abrasion-resistant



Easy to clean

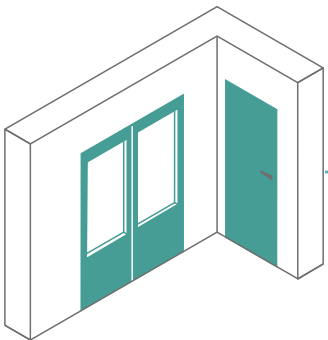


Impact-resistant

- RESOPAL® Bonded Boards

TAILOR-MADE SOLUTIONS
FOR VARIOUS APPLICATIONS

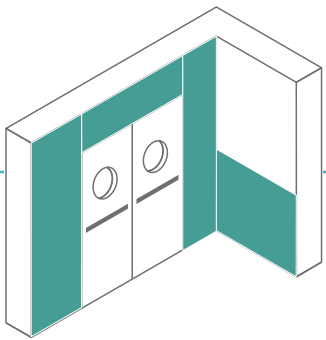
DOORS



Standard doors, floor-to-ceiling doors, extra-wide doors, ...

HPL

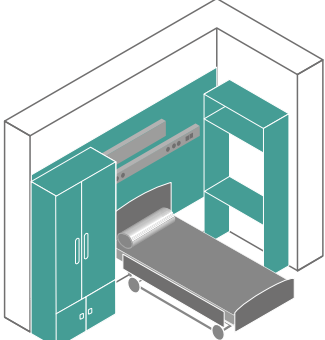
WALL CLADDING



Wall cladding, wall protection, skirting boards, partition walls, privacy screens, ...

HPL
HPL bonded boards
Compact panels for interior applications

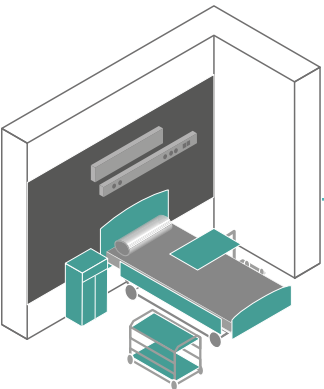
FURNISHING OF PATIENT ROOMS



Headboards, shelves, cabinet doors, tables, bathroom countertops ...

Melamine-faced boards*
HPL bonded boards
Compact panels for interior applications

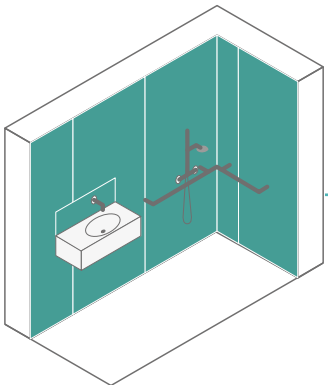
SPECIAL FURNITURE



Care beds, nightstands, bed tables, carts

Compact panels for interior applications

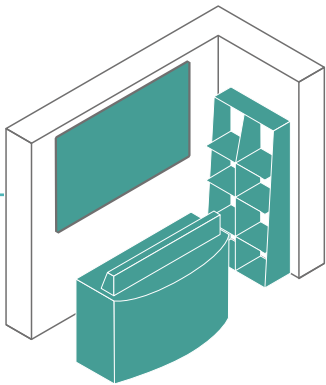
WET ROOMS



Wall cladding

Compact panels for interior applications

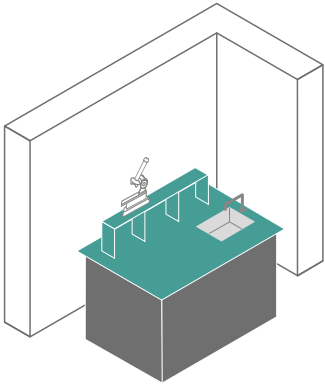
GENERAL AREAS



Reception, desks, shelves, tabletops, consoles, ...

Melamine-faced boards
HPL bonded boards
Compact panels for interior applications

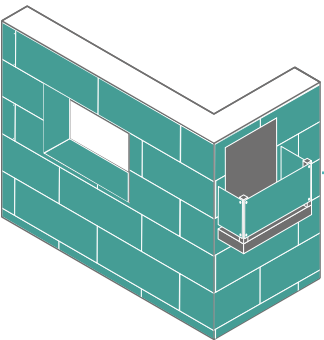
LABORATORY FURNITURE



Laboratory worktops, shelves, furniture, ...

Compact panels for laboratories

EXTERIOR APPLICATIONS



Facades, sun protection, balconies, embrasures, window shutters, ...

Compact panels for exterior applications

*Not suitable for heavily-used applications

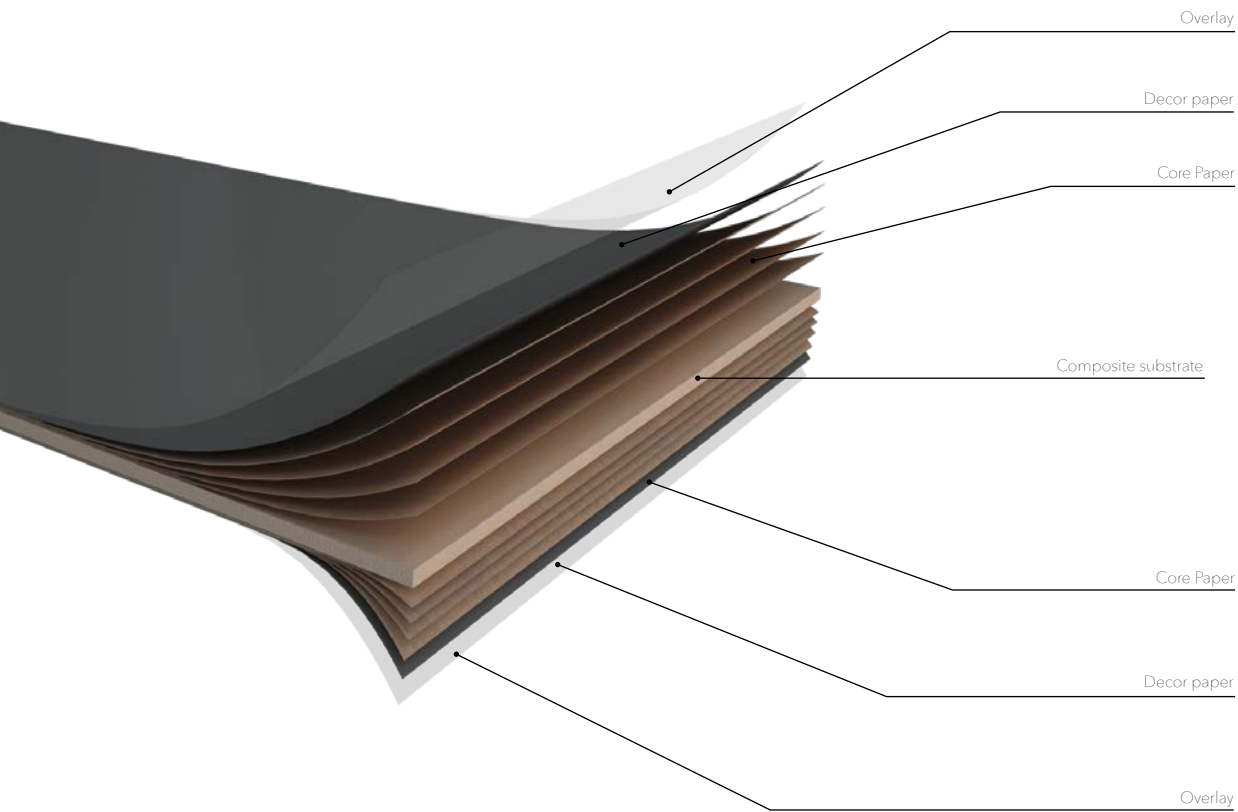
RESOPAL SPASTYLING®

A PRACTICAL SYSTEM FOR WET ROOMS

RESOPAL SPASTYLING® BOARD

The RESOPAL SpaStyling Board solution for wall cladding in newly built or renovated wet rooms, CSSD, washbasin splash protection, commercial- and other kitchens. They can be used as a replacement for tiles or applied over existing tiles.

They can also be laid directly onto moisture-resistant gypsum plasterboard if it has been prepared in accordance with DIN 18534. RESOPAL SpaStyling Boards retain their aesthetic and technical performance characteristics over long periods of time



PROPERTIES



DESIGN

- Large-format panels
- Jointless
- Coordinated decor/surface combinations



INSTALLATION

- Light boards
- Fast, clean machining with regular woodworking machinery
- On-site to avoid long down-times



DURABILITY

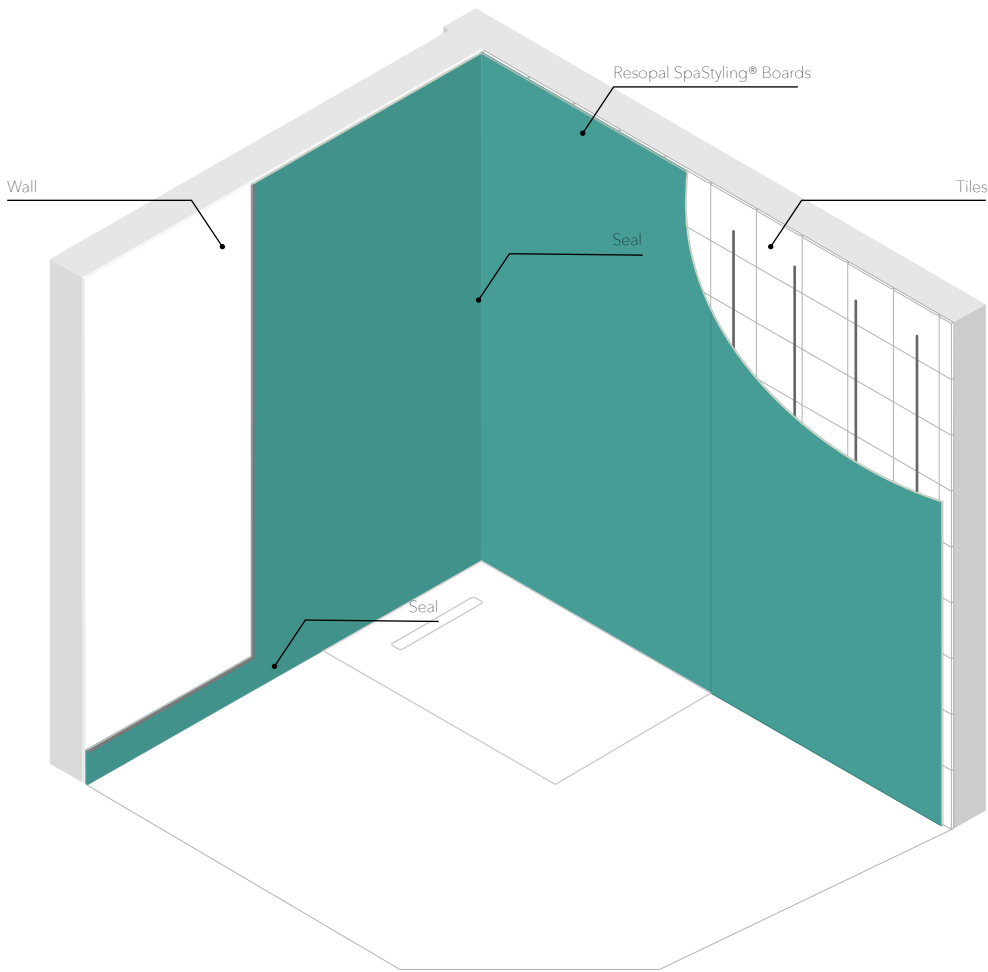
- Durable surfaces
- Resistant to scratches and impact
- Stain-resistant
- Lightfast



HYGIENE

- Hygienic, pore-free surface
- Easy to clean
- Antibacterial effect

COMPLETE SOLUTIONS FOR WET ROOMS



COMPLEMENTARY DESIGN

All decors in the RESOPAL SpaStyling range are also available as HPL, HPL bonded boards, and compact panels for interior applications. Would you like to use your own corporate design? Thanks to our Motiv in RESOPAL solution, we can apply your organization's design to all the product categories named above.

SURFACES FOR HEALTHCARE FACILITIES

The surface of RESOPAL SpaStyling Boards consists of high-pressure laminate (HPL) - a versatile, durable surface suitable for heavily-used areas. Walls that are paneled extensively with this covering have few joints, which leaves little room for dirt to collect, making this easy-care surface especially efficient to clean. It is resistant to disinfectants and medical products according to the "Resistant to disinfectants RESOPAL surfaces" data sheet.

The surfaces of RESOPAL SpaStyling Boards are treated with an agent that reduces the growth of bacteria. The silver ions integrated into the material do not pose any danger to humans or the environment, and therefore supplement cleaning and disinfection protocols.

RESOPAL SPASTYLING®

A PRACTICAL SYSTEM FOR YOUR WET ROOMS

CLEAN INSTALLATION, LOW DOWNTIME



At 7.8 mm thick, RESOPAL SpaStyling Boards are a lightweight, excellent solution for new and renovated wet rooms. They can be installed on-site in very clean conditions with minimal downtime.

Dust and dirt are significantly lower compared to ceramic tiles and no water is required, greatly reducing the time spent on drying.

RESOPAL SpaStyling Boards can be installed in one go. The wet room is ready for use just 24 hours after installation.

HOW IS A RESOPAL SPASTYLING® BOARD INSTALLED?



RESOPAL SpaStyling Boards can be treated and machined with standard tools directly on site, just like standard wood materials. The RESOPAL SpaStyling Board can be adhered directly to existing tiles or other substrates in new construction and renovation projects. The quick, easy and clean installation ensures little dirt and little downtime.

All assembly information is clearly explained in detailed assembly videos.

RESOPAL SPASTYLING® BOARDS - 2 INSTALLATION OPTIONS

WITHOUT ALUMINIUM PROFILE

- For continuous surfaces, several RESOPAL SpaStyling Boards can be connected with a milled groove and loose tongue so that only a hairline gap remains between the individual elements.
- Once all RESOPAL SpaStyling Boards have been affixed, all expansion joints must be sealed with silicone compound.

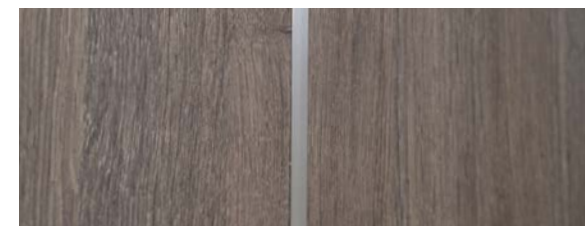
Resopal offers suitable wall adhesive, as well as corresponding connection adhesive.



ALUMINIUM PROFILE

- Connecting profile (H-bar) to connect two RESOPAL SpaStyling Boards.
- End profile (L-bar) for edging narrow surfaces.
- Corner profiles for inner and outer corners.
- Once all RESOPAL SpaStyling Boards have been affixed, all expansion joints must be sealed with silicone compound.

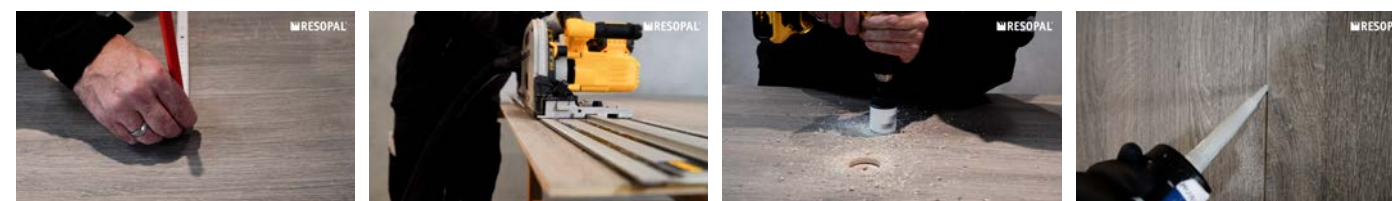
Resopal offers suitable wall adhesive, as well as corresponding connection adhesive.



COMPREHENSIVE INSTALLATION DETAILS ARE PROVIDED THROUGH CLEAR, STEP-BY-STEP VIDEO GUIDES DESIGNED TO BE EASY TO FOLLOW.



Installation video available
at www.resopal.de



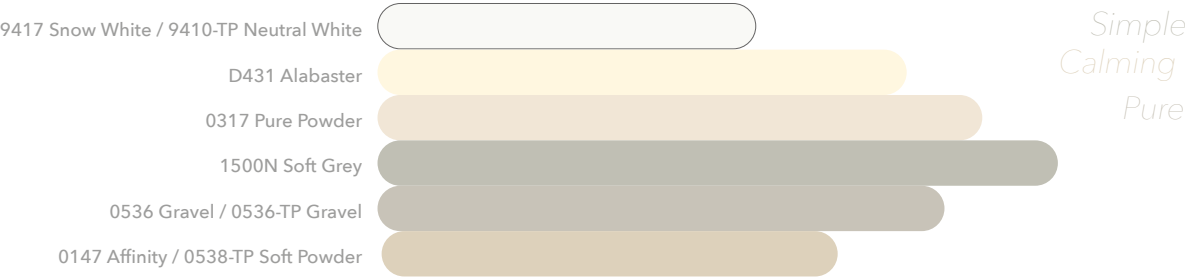
DECORS & INSPIRATION

DECORS & INSPIRATION

Color as therapy

COLOR AND DECOR
AS AN ASPECT OF THERAPY

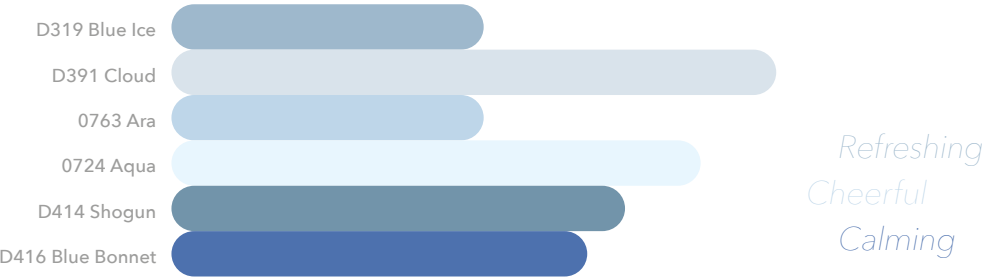
WARM GRAYS



COOL GRAYS



BLUE



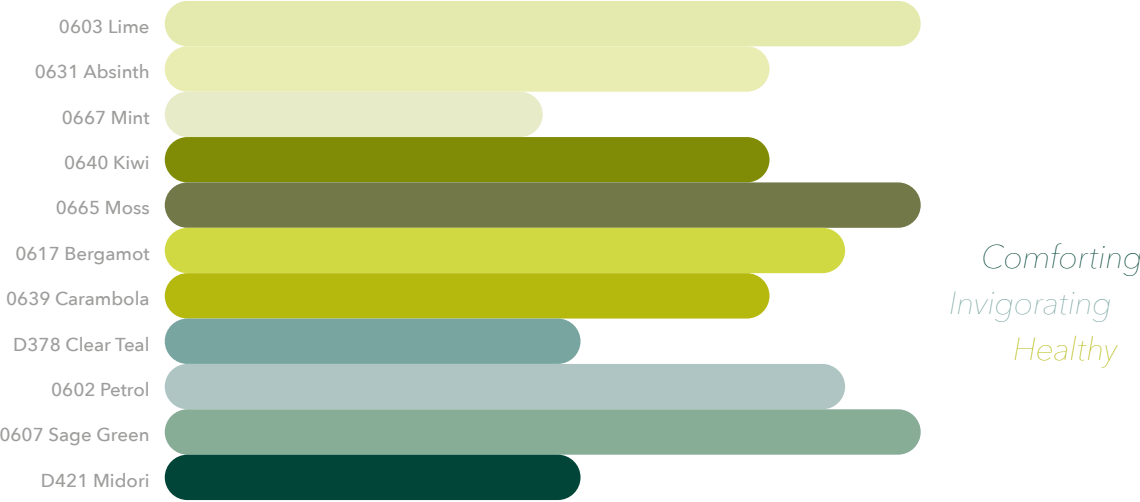
A physical space actively contributes to a patient's treatment and is itself a medical tool. The architecture, equipment and appropriate decor contribute to the well-being of patients, caregivers and visitors alike.

Our range of RESOPAL decors meets the needs of the individual aspects of a healthcare facility and thus increases the therapeutic potential of the building itself.

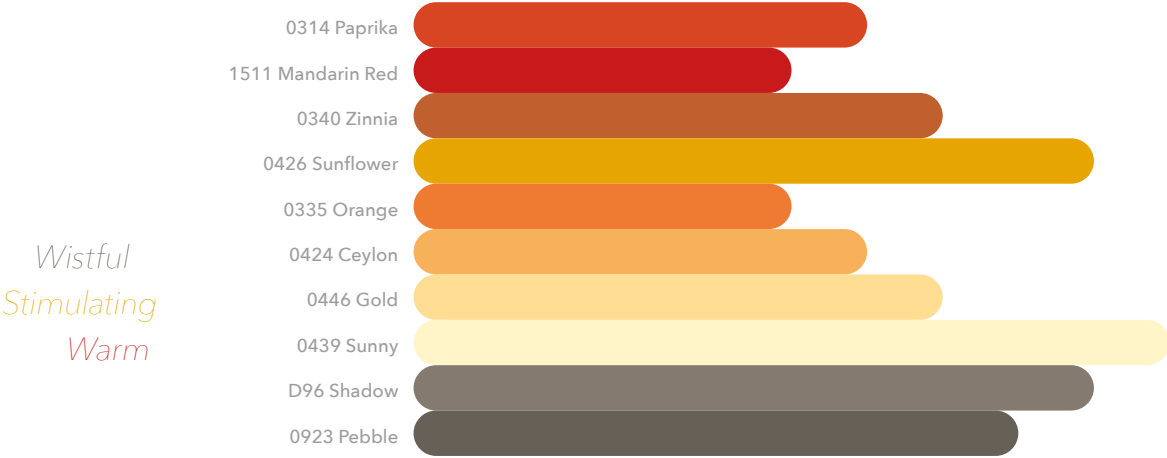
Color and decor provide visual comfort. As part of a facility's signage, they assist with the perception and recognition of spaces, and make walking routes easier to navigate.

Plus, they let light, nature and the feeling of fresh air into the building - all essential elements of creating a sense of well-being in any enclosed space.

GREENS



YELLOW, ORANGES AND REDS



CLEAN & CLEAR
COLOR CONCEPT

- ENTRANCE
- PATIENT ROOMS
- WAITING AREA
- RESTAURANT
- TREATMENT ROOMS, SURGERY

| REFRESHING | CALMING | CONFIDENT | POSITIVE | RELAXING |



RELAXING & CALMING
COLOR CONCEPT

- DECORS & INSPIRATION
- ENTRANCE
- WAITING AREA
- ROOMS
- PUBLIC AREAS

| CALMING | NATURAL | AUTHENTIC | SOOTHING | INVITING | CONSCIOUS |



INVITING, OPEN & FRIENDLY
COLOR CONCEPT

- ENTRANCE
- WAITING AREA
- PUBLIC AREAS
- PAEDIATRIC

| INVITING | FRIENDLY | CHEERFUL | OPEN | INVIGORATING | SOOTHING | STIMULATING |



COZY & SAFE
COLOR CONCEPT

- ENTRANCE
- WAITING AREA
- ROOMS
- PUBLIC AREAS

| COZY | SAFE | HARMONIOUS | COMFORTING | SOOTHING |



DECORATIVE STRENGTHS OF RESOPAL®
FOR THE FURNISHING OF YOUR ROOMS

MORE THAN 300 DECORS

Our extensive range allows you to create exactly the atmosphere you desire for your projects.

The RESOPAL Collection includes more than 300 versatile and practical decors, including solid colors, wood grain and stone looks. Choose from more than 15 surface textures to give the decor its finishing touch.

A LARGE SELECTION OF SURFACE TEXTURES

The RESOPAL Collection features a wide range of surface textures.

For heavily used surfaces, we recommend a durable, smooth texture (60), and for surfaces with less wear and tear, we suggest a structured texture.

All of our surfaces are suitable for healthcare facilities and are resistant to cleaning agents in accordance with current product standards.

DECORATIVE COMPLEMENTARITY

The RESOPAL selection is characterized by the perfect complementarity of its products. Melamine-faced boards, HPL and HPL compact panels are available in matching decorative combinations.

Create a smooth effect between doors and partition walls, or coherent spaces for activity and relaxation areas.

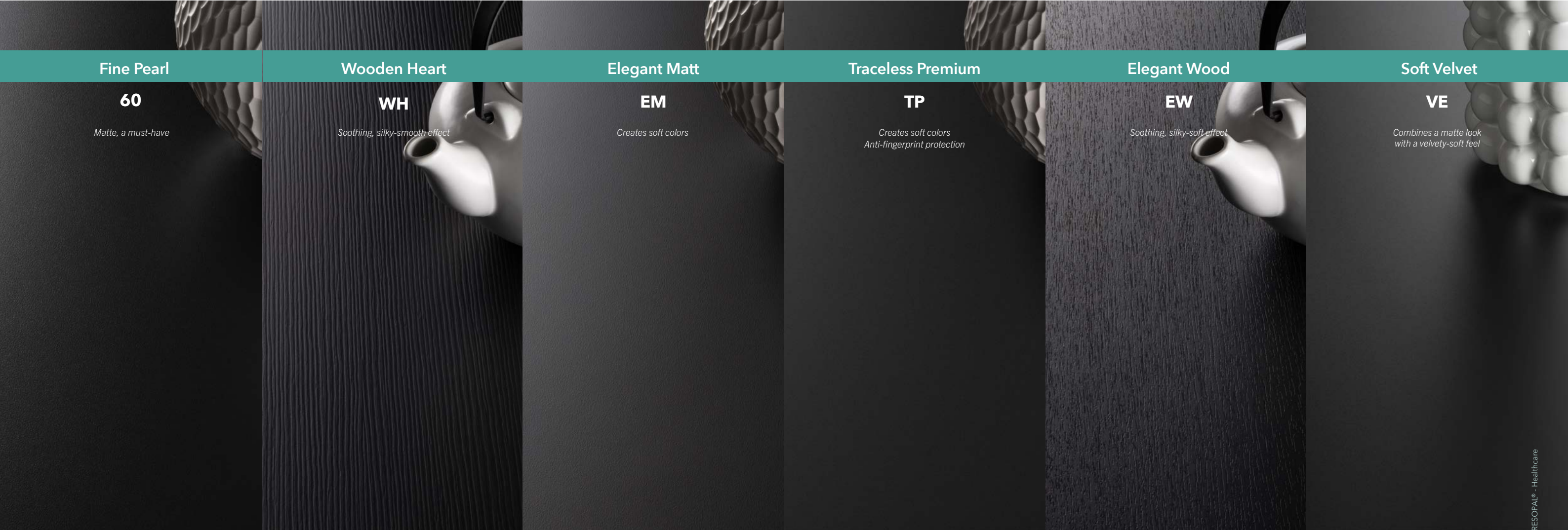
Our experts are happy to help you choose the decors that will best suit your space.

LIGHTING & DAYLIGHT FACTOR

Light reflectance values (LRV) are available for every decor and vary between 4% for the darkest decor and 86% for the lightest.

This information can be used to best match the requirements of a given space.

Our entire range of decors and surfaces can be found in our collection.



DECORATIVE STRENGTHS OF RESOPAL®
FOR DESIGNING YOUR SPACES

HUMANIZING, LABELING & PERSONALIZING SPACES

WE MAKE YOUR DESIGNS A REALITY WITH MOTIV IN RESOPAL®

Create your own design, bring your customized project to life, and benefit from the advantages of HPL.

High-resolution printing of photos, graphic designs, drawings, information and much more. Apply your design to doors and

wall paneling (also in wet rooms) with various decors and frescoes.

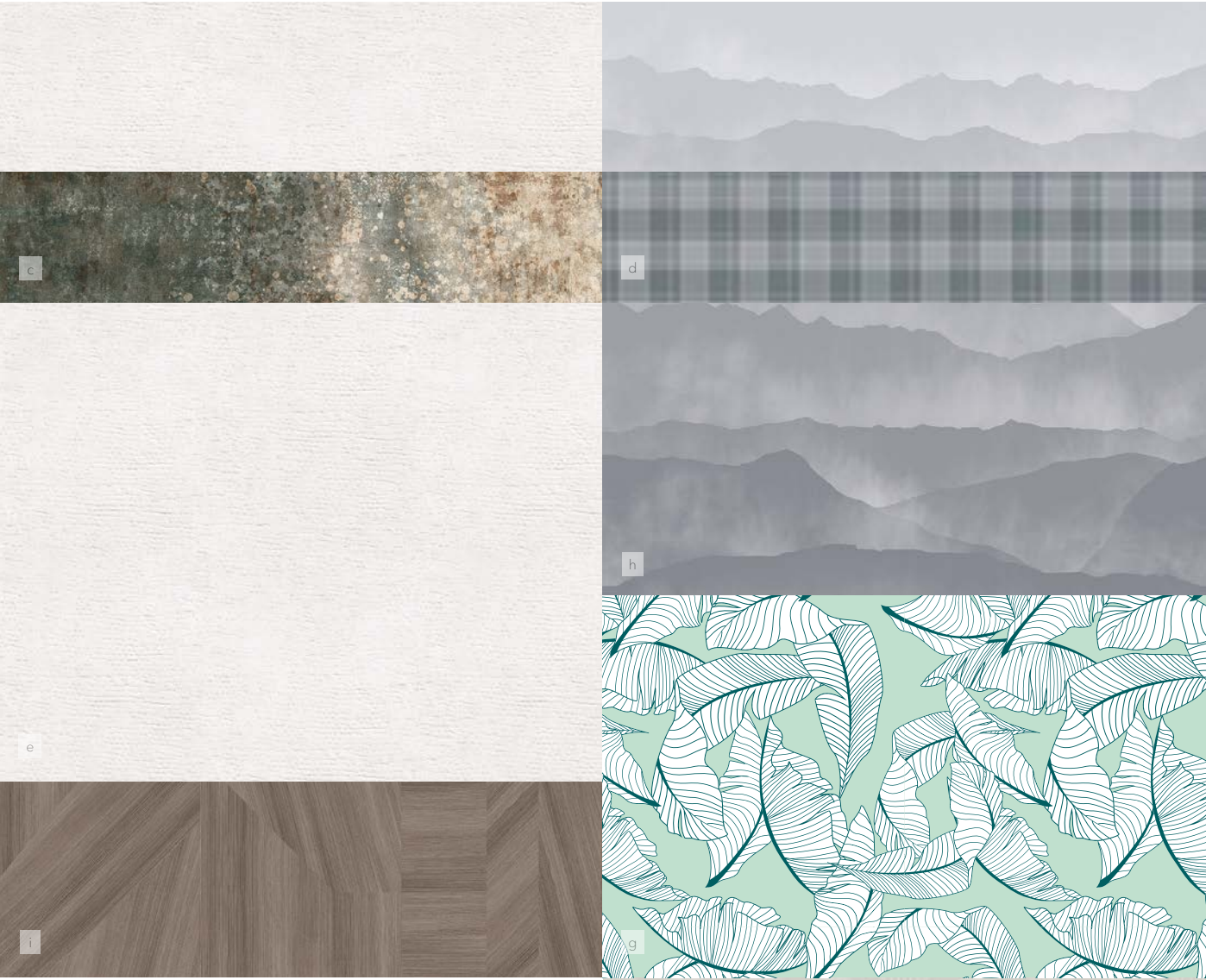
Appropriate signage improves and facilitates orientation and navigation between rooms.



A WIDE RANGE OF DECORS AVAILABLE AT THE TOUCH OF A BUTTON

We have hundreds of designs with ready-to-use colour palettes to bring your project to life. With our classic decors, just as with a Motiv in RESOPAL project, you will benefit from the advantages of

lamine - its durability, ease of cleaning, antibacterial qualities, and much more.



a	MO2A	Modern Chevron Natural	f	RA1C	Radius Grey
b	CO1C	Construct Gold	g	MU0A	Musa Green
c	AR4A	Artisan Vessel	h	MI3A	Misty Mountain Grey
d	BR0A	Brumel Grey	i	MA2B	Marquetry Natural
e	PA1A	Papyrus Pulp			



Due to printing, there may be deviations in colors shown in the brochure and the actual product. We therefore recommend ordering a physical sample.

DECISION SUPPORT

DECISION SUPPORT

Your projects, our solutions

OUR SOLUTIONS

MEETING YOUR NEEDS

OUR SERVICE OFFERS

ALWAYS AT YOUR SIDE

We offer support throughout every phase of your project. Support that saves you time: BIM models, express sample delivery, certificates, processing instructions, cleaning and care instructions, and much more.

PROJECT CONSULTATION

Our highly qualified teams are happy to meet your needs and offer consultation from the design phase through to project completion.

HEALTH, COMFORT AND ENVIRONMENTAL EXPERTISE

We provide you with all the necessary data sheets, test reports and certificates for disinfection, decontamination, surface gloss, chemical resistance, etc.

PRODUCTS

HIGH-QUALITY PRODUCTS

- High impact-resistance, fire performance: up to Euroclass B-s1, d0
- Resistant to disinfectants and decontamination procedures
- Chemical resistance to more than 100 cleaning agents
- Antibacterial effectiveness 99.9%
- Allergy-friendly products
- Renewable and bio-based materials
- Low emission values

VERSATILE APPLICATIONS

- Moderate to heavy use depending on product
- Doors, wall paneling (including wet rooms), furniture, special- and laboratory furniture, exterior facades and much more

ANTIBACTERIAL PROTECTION

- Antibacterial protection complements cleaning and disinfection protocols
- 99.9% of bacteria are destroyed within 24 hours

DESIGN

BRING SPACES TO LIFE WITH COORDINATED DESIGNS

- More than 300 design combinations including solid colors, wood grain and stone decors
- Color-matched doors, wall paneling (also in wet rooms) and furniture possible
- More than 15 available surface textures that can be tailored to every space
- Enables good daylight values

RESOPAL® CREATIVE SELECTION

- Additional designs that offer completely new possibilities thanks to the advantages of laminate and compact panels
- Graphic designs, wood grain and stone decors serve as inspiration for your design
- With Motiv in RESOPAL, you can customize the Creative Selection decors to suit your individual needs—colors, logos, lettering, and more.

MOTIV IN RESOPAL

- We produce your custom creations
- Take advantage of highly resistant HPL and compact panels
- Available for most applications: doors, wall paneling (including for wet rooms), exterior facades...



DECISION SUPPORT
MEETING YOUR NEEDS

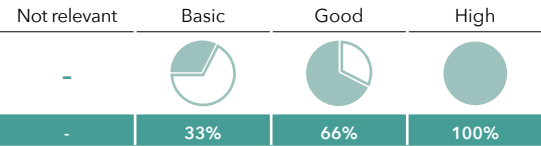
PRODUCT	APPLICATION	PROPERTIES											HYGIENE						DECORATIVE SELECTION			
		Impact resistance*	Abrasion resistance	Scratch resistance**	Susceptibility to cracks	Resistance to chemical substances	Resistance to damp heat	Fire behavior***	Resistance to dry heat		Steam Resistance	Light fastness (indoor application)	Exterior application	Antibacterial	Stain resistance	Radioactive decontamination	Cleaning and disinfection	Food-safe**	Formaldehyde - emissions	Decors	Surfaces	Personalization
HPL	Doors, wall paneling, compartments and lockers, furnishing of common areas, patient rooms, special furniture												-									
COMPACT PANELS FOR INTERIOR USE	Doors, wall paneling, compartments and lockers, furnishing of common areas, patient rooms, special furniture												-									
COMPACT PANELS FOR LABORATORIES	Laboratory worktops, laboratory shelves, laboratory furniture												-	-		-		NO				-
MELAMINE-FACED BOARDS	Wall paneling, furnishing of common areas, patient rooms, special furniture										NOT TESTED		-			-						-
COMPACT PANELS FOR EXTERIOR USE	Wall paneling, sun protection, balconies, embrasures, window shutters		-	-		-			-		-	-		-	-	-	-	-	-			
RESOPAL SPASTYLING® BOARDS FOR WET ROOMS	Wall paneling												-									
HPL BONDED BOARDS	Composite elements, wall paneling, furnishing of common areas, patient rooms, special furniture												-									

* HPL, RESOPAL SpaStyling® Boards, bonded boards: dependent on substrate material and/or thickness of HPL

** Dependent on surface

*** Dependent on product category

Discover more application examples at www.resopal.de under "Inspiration".





REFERENCE PROJECTS

REFERENCE PROJECTS

In the healthcare sector

IKE TECHNISCHE UNIVERSITÄT | BRAUNSCHWEIG
KARMIN RESEARCH PROJECT | PATIENT ROOM OF THE FUTURE

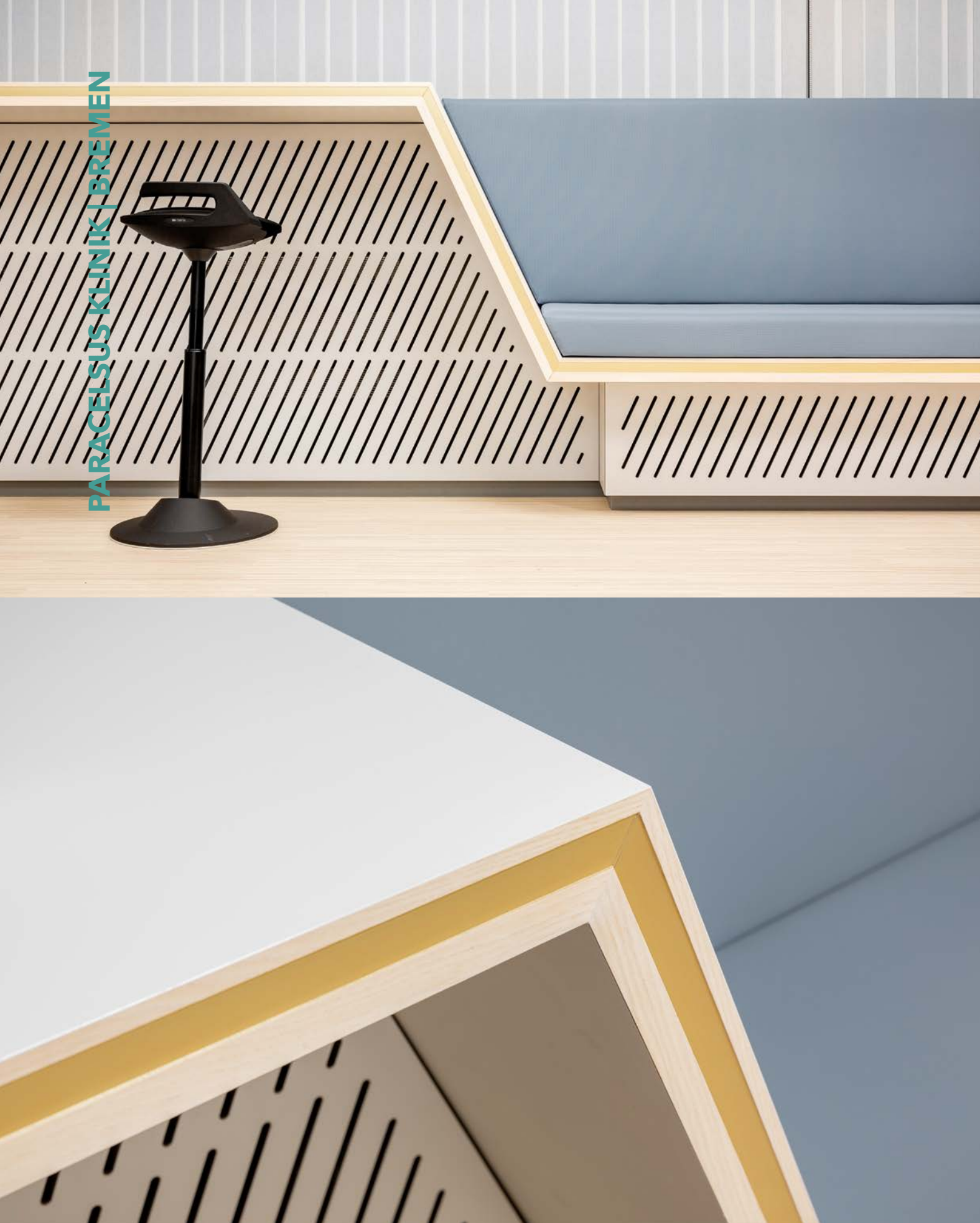




PARACELSUS KLINIK | BREMEN

CONSTRUCTION OF A SPORTS MEDICINE CENTRE IN THE WESERSTADION





SAUERLANDKLINIK | SUNDERN-HACHEN
REFURBISHMENT OF CARE STATIONS





ST. AUGUSTINUS-FACHKLINIKEN | NEUSS
NEW ST. AUGUSTINUS MEMORY CENTER





ST. AUGUSTINUS-FACHKLINIKEN | NEUSS



REFERENCE PROJECTS



PFLEGEHEIM HEIDEHOF | HATTINGEN
NEW LONG-TERM AND SHORT-TERM CARE FACILITY



REFERENCE PROJECTS

Facade, compact panels for exterior use; alternative from the current collection P04428

Stiller Architekten | Hattingen

Henke AG | Hagen

Rainer Mader

LWL KLINIK | DORTMUND

NEW CLINIC BUILDINGS AND KITCHEN BUILDING





Shelves / tables / benches, HPL bonded boards, 4165-60 | Floor, HPL bonded boards, 4165-60 increased resistance to abrasion
| Ceiling elements, HPL bonded boards, perforated 4165-60



kadawittfeld architekten | Aachen / Atelier Thomas Pücherg | Graz



Wigger GmbH & Co. KG | Nordhorn / Richter akustik & design GmbH & Co. KG | Melle

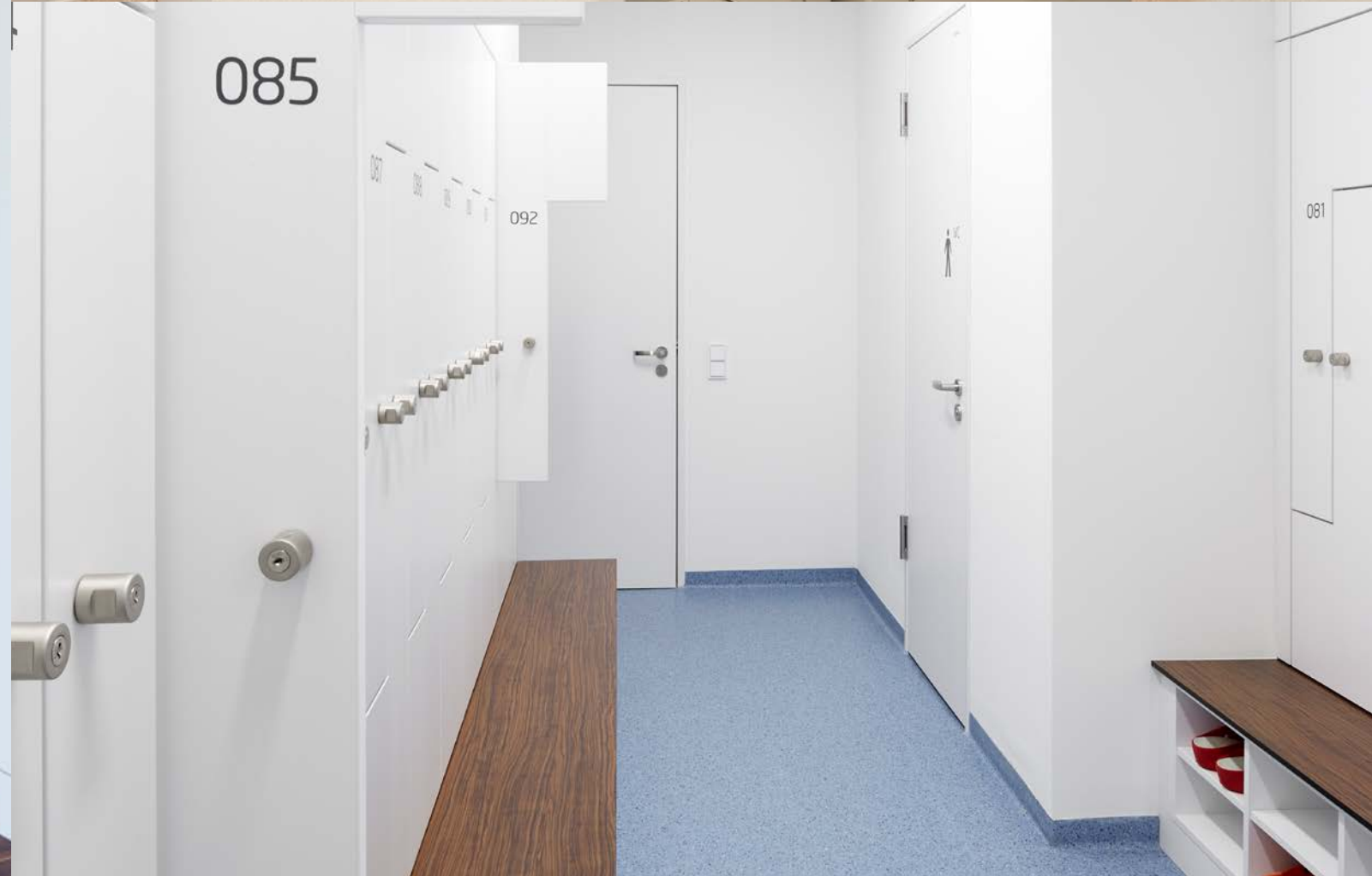


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GLANTAL KINIK | MEISENHEIM
NEW HEALTH CENTER



The entire building project is DGNB Gold certified.



KNAPPSCHAFTS-KLINIK | BAD DRIBURG
REFURBISHMENT OF REHABILITATION CLINIC





KLINIKUM | GÜTERSLOH
NEW MATERNITY CLINIC





ST. MARIENHOSPITAL | VECHTA

RENOVATION AND EXPANSION OF CHILDREN'S CLINIC





EVANGELISCHES KRANKENHAUS | CASTROP-RAUXEL

NEW SURGERY WARD





LVR KLINIKUM | DÜSSELDORF

NEW DIAGNOSTIC-, THERAPY- AND RESEARCH CENTER





ST. MARIEN HOSPITAL | HAMM
NEW WARD





Room divider, HPL bonded boards, 4102-TL | Kitchenette unit, HPL bonded boards, 0105-TL / 0105-60/1500N-60 | Table, HPL bonded boards, 0105-60
| Bathroom, compact panels, 3533-60/0105-60 | Doors, HPL, 9417-60
weicken architekten partmbB | Unna



Timmermann GmbH & CO. KG Objekteinrichtung & Innovativer Möbelbau | Dorsten / Innovative Bad Systeme GmbH, Ahlen
©Rene Siciliano

KLINIK DRV WESTFALEN | NORDERNEY
RENOVATION OF PATIENT BATHROOMS





AGAPLESION MARKUS KRANKENHAUS | FRANKFURT
RENOVATION OF ROOMS FOR PRIVATELY-INSURED PATIENTS





STÄDTISCHES KRANKENHAUS MARIA-HILF | BRILON
INTEGRATION OF A COMFORT STATION







PRODUCT INFORMATION

An overview of properties

PRODUCT INFORMATION
TECHNICAL INFORMATION AND DATA

HPL | COMPACT PANELS FOR INTERIOR USE
COMPACT PANELS FOR LABORATORIES

			RESOPAL® HPL*	RESOPAL® COMPACT**	DURCON® SPC
		STANDARD	EN 438-3	EN 438-4	
Properties	Test Method	Unit	Value		
Surface abrasion resistance ⁽¹⁾	EN 438-2-10	Number of revolutions	≥ 150		
		Number	3		
Impact resistance ⁽²⁾	EN 438-2-20	Number	4/3	-	
Resistance to impact with a small-diameter ball		N	≥ 20	-	-
Resistance to impact with a large-diameter ball	EN 438-2-21	Drop height in mm	-	≥ 1400 (2 ≤ t <6) ≥ 1800 (6 ≤ t)	≥ 1800 (6 ≤ t)
Scratch resistance ⁽³⁾	EN 438-2-25	Rating	4, 3, 2		5
Resistance to dry heat (160 °C)	EN 438-2-16	Rating	Glossy surfaces ≥3 Other surfaces: ≥4	5	
Lightfastness (Xenon arc lamp)	EN 438-2-27	Gray scale	4 to 5		
Resistance to water vapor	EN 438-2-14	Rating	Glossy surfaces ≥3 Other surfaces: ≥4	5	
Fire performance***	EN 13501	Euro class	D-s2, d0 C-s2, d0 / B-s2, d0 upon request	D-s2, d0 B-s1, d0 upon request	D-s2, d0
Front	EN 438-2-23	Rating	≥ 4	-	-
	EN 438-2-24		-	≥ 4	Front: 5 Edge: 4
Resistance to staining (16h)	EN 438-2-26	Rating	Groups 1 & 2: 5 Groups 3: ≥4		Groups 1&2: 5 Groups 3: White= 5; Black= 4
Food-safe	EN 1186 13130 / CEN TS 14234	Contact with food	Suitable		Not suitable
Heavy metals			Contains no toxic compounds based on antimony, barium, cadmium, chromium (III), chromium (VI), lead, mercury, selenium.		
Formaldehyde emissions	EN 16516	Class	E1		
Antibacterial effect	JIS Z 2801 ISO 22196	Reduction in %	≥99.9		-
Volatile organic compounds (VOC)	ISO 16000	Emissions class pursuant to French regulation	A		-
Environmental product declaration (EPD) ⁽⁴⁾	ISO 14025 DIN EN 15804	Available	Yes		-
PEFC			upon request		
FSC® C104603			upon request		

*The values in the column below can only be taken for RESOPAL HPL. Other values may apply to special HPL products (RESOPAL Traceless, Colour, Pure White, Real Metal, Motiv in RESOPAL HPL).

**The values in the column below can only be taken for RESOPAL Compact. Other values may apply to special Compact products (RESOPAL Compact Traceless, Colour/Unity, Pure White, Motiv in RESOPAL Compact).

***Dependent on quality

⁽¹⁾ with almost all decors - ⁽²⁾ dependent on thickness - ⁽³⁾ dependent on structure - ⁽⁴⁾ ICDLI environmental protection declaration

The surface properties of HPL are also applicable for panels in wet rooms and for bonded boards. Bonded boards can be made with different HPL products, and their properties may therefore vary.

MELAMINE-FACED BOARDS

		STANDARD	RESOPAL® MFB
Properties	Test method	Unit	Value
Surface abrasion resistance ⁽¹⁾	EN 14323	Number of revolutions (initial abrasion point)	Solid decors: ≥ 150 Printed decors: <50
		Class	Solid decors: 3A Printed decors: 1
Resistance to impact from a large-diameter steel ball	EN 14323	Drop height in mm For an impression of ≤ 10mm	≥ 500
Resistance to scratching ⁽³⁾	EN 14323	N	≥ 1.5
Resistance to dry heat (160 °C) ⁽³⁾	EN 438-2-16	Rating	≥ 3
Lightfastness	EN 14323	Gray scale	4-5
Fire performance	EN 13501	Euro class	> 9 mm: D-s2, d0 B-s2, d0 upon request
Susceptibility to cracks	EN 14323	Degree	≥ 3
Resistance to staining	EN 14323	Degree	Groups 1&2: ≥ 3
Food-safe	EN 1186 13130 / CEN TS 14234	Contact with food	Suitable
Formaldehyde emissions	EN 16516	Class	E1
Antibacterial effect	JIS Z 2801 ISO 22196	Reduction in %	≥ 99.9
Volatile organic compounds (VOC)	ISO 16000	Emissions class pursuant to French regulation	A
PEFC			Upon request
FSC® C104603			Upon request

COMPACT PANELS FOR EXTERIOR USE

RESOPLAN®			
		STANDARD	EN 438-6
Properties	Test method	Unit	Value
Resistance to impact from a large-diameter ball (shatter resistance)	EN 438-2-22	Drop height in mm (for impression diameter of ≤ 10mm) 6 ≤ t	≥1800
Moisture resistance			
- Increase in mass	EN 438-2-15	% 2 ≤ t < 5 t ≥ 5	EDS / EDF ≤ 7 / ≤ 10 ≤ 5 / ≤ 8
- Appearance		Surface rating Edge rating	≥4 ≥3
Resistance to artificial weathering			
- Contrast	EN 438-2-29	Gray scale	≥ 3
- Appearance		Rating	≥ 4
Fire performance***	EN 13501-1	Euro class	EDS: D-s1,d0 EDF: B-s1,d0
Resistance to rapid change in climate			
- Appearance	EN 438-2-19	Rating	≥ 4
- Resistance to bending index Ds			≥ 0.8
- Flexural modulus index Dm			≥ 0.8
Heavy metals		-	Contains no toxic compounds based on antimony, barium, cadmium, chromium (III), chromium (VI), lead, mercury, selenium.

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