

# ProtectWALL

HETEROGENEOUS VINYL

Designed  
for impact

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**PROTECTWALL**  
UNI - WHITE BLUE - 049  
UNI - DARK AQUA - 135

**EXCELLENCE**  
OAK LONGSTRIPE - NATURAL - 002

## CREATE DISTINCT SPACES FROM FLOORS TO WALL

In turbulent Education and Health Care environments, and humming Hospitality and Office areas, save walls from rough treatment and the repeated necessity of renovation. ProtectWALL extends Tarkett's expertise in hygiene and durability to wall surfaces. And like all of Tarkett's heterogeneous (HE) premium collections, it is 100% phthalate-free.

Use ProtectWALL in both technical and general areas to deliver ten years of protection from scratches, impacts and staining agents. Now in a new 1-metre horizontal roll format, installation is quick, easy and continuous. Choose from block colours, prints, unique linear designs and


smart patterns that hide scratches and impacts. Coving, hot welding, caps and corners finish off the space for an entirely seamless installation.

5 references are 2CR Clean Room Class 1 ISO certified for safe use in clean rooms and laboratories. Cleaning and maintenance are effortless and economical.

And at over 50 references, ProtectWALL has one of the widest selections of design options available. Tarkett's Excellence, Platinum and Stairs collections are designed to create beautiful spaces as they harmonize effortlessly with ProtectWALL.

### DESIGN

 **50+**  
wall protection  
references

 **NEW!**  
**5 decorative printed designs**  
Create a warm & welcoming atmosphere

 **NEW!**  
**Ready-to-use 1-metre rolls**  
Cover corridors in minutes with new cut service

 Full Floor, Wall & Stairs  
**coordination**

### PERFORMANCE

 **Renovation-free wall protection for 10 years**

- 50% savings over 10 years vs paint & stiff plates
- Resists direct shock impacts
- Resists scratches up to 20 Newtons pressure

 **Priority hygiene & effortless maintenance**

- 10 times fewer joints\*
- Hot welded installation from floor to wall
- High flexibility to cove corners
- Resists stains
- Easy to clean

 **Best-in-class for clean rooms & laboratories**  
ProtectWALL 2CR ISO Class 1 certified\*\*

\* vs stiff plates (30m corridor)  
\*\* (EN 14644-1)



**PROTECTWALL**  
 TISSE - LIGHT YELLOW - 055  
 UNI - BRIGHT YELLOW - 037

**EXCELLENCE**  
 TISSAGE - SOFT YELLOW - 133  
 UNI - BRIGHT YELLOW - 930

# HIGH STANDARDS FOR SAFETY AND WELL-BEING

The overall character of the indoor environments that Tarkett helps to create comes not just from colour and design, but also from good air quality and the assurance of meeting fire safety norms.

A pillar of Tarkett's sustainability strategy has always been designing and making products that contribute to the health and well-being of occupants.

In 2014, the company therefore decided to take the radical step of eliminating phthalates from its vinyl flooring production in Europe. We replaced it with phthalate-free plasticizers that are approved for food containers and toys for young children.

Today, with the launch of our 100% phthalate-free Excellence collection, we are proactively meeting consumer concerns. For creating healthy spaces where people live, work, play and learn, Tarkett is your partner.

 **100%**  
 phthalate-free

## Beneficial Air Quality

Most people spend the vast majority of their time inside, and the air they breathe has an important impact on their health. ProtectWALL keeps levels of volatile organic compounds (VOCs) to a strict minimum.

 **VOCs**  
**10** µg/m<sup>3</sup>  
 over 100 times lower than  
 EU standard EN ISO 16000

## Essential Fire Safety

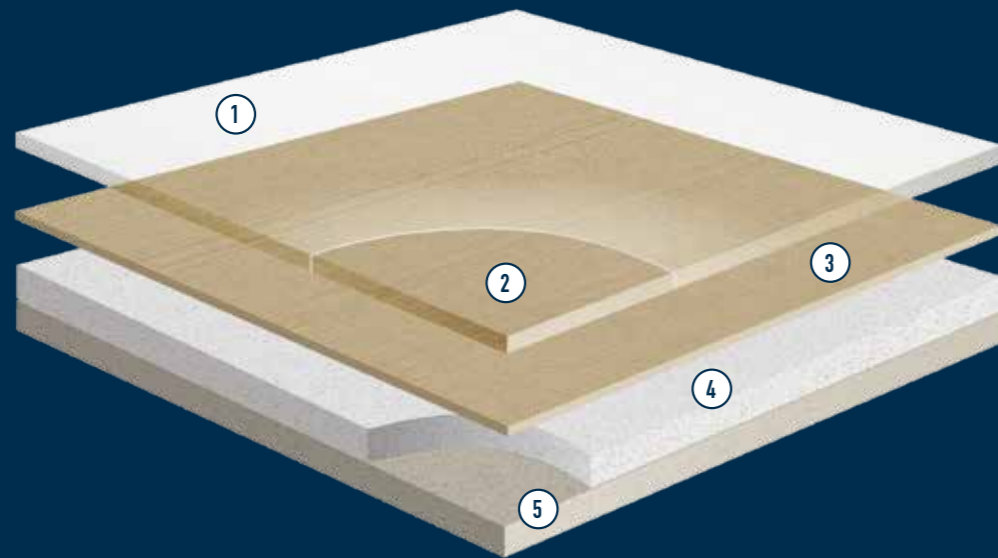
PRODUCT	APPLICATION	REACTION TO FIRE EN1350-1
<b>ProtectWALL 1.5</b> 1.5 mm total thickness	Classrooms, corridors patient rooms, wards, circulations	<b>B-s2, d0</b>
<b>ProtectWALL 2 CR</b> 2 mm total thickness	Clean rooms: operating theatre, laboratories	<b>B-s3, d0</b>

In hospitals, care institutions, schools, shops and storage areas, ProtectWALL 1.5 is a heavy duty covering for walls and doors in corridors, patient rooms and other areas, and meets fire standards to ensure the safety of building occupants.

ProtectWALL 1.5 can cover **100%** of wall surfaces\*

\* in most European countries

# A CONCENTRATION OF TECHNOLOGY



①

Clear Wear layer :  
0.35mm ProtectWALL 1.5 ;  
0.55 mm ProtectWALL 2CR.  
Excellent resistance to abrasion.

②

Top clean XP PUR Reinforced :  
Excellent resistance to scuffing,  
soiling and staining.  
Easy maintenance.

③

Printed film : 0.14mm.  
High definition design. Helio printed.

④

Intermediate layer : 0.52mm.  
High definition to impacts.

⑤

Backing layer :  
0.53mm ProtectWALL 1.5mm ;  
0.83mm ProtectWALL 2CR.  
High resistance to impacts.

# RENOVATION-FREE FOR TEN YEARS

Gone are the headache and expense of regularly renovating walls to keep them looking fresh. ProtectWall absorbs shocks and abrasions, keeping walls in good condition for a minimum of ten years.

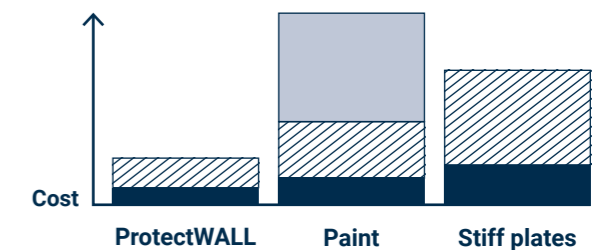
## Installation and Maintenance Savings

Compared to stiff plates and paint, ProtectWall delivers a rapid return on investment that continues to grow over a ten-year period and beyond.

**50% savings over 10 years**

vs stiff plates and paint

Cost over a 10-year period



Cost of: ■ Material ▨ Installation ■ Yearly renovation



## Robust Resistance to Shocks and Impacts

In corridors, patient rooms and cafeterias, ProtectWALL endures bumps and scratches from hospital beds, trolleys, heavy equipment, student backpacks and craft knives. Walls stay clean and intact.

Complies with standard EN 259-2

Hardness shore A  
**> 90%**

Withstands impacts & shocks  
**> 7 kg/cm<sup>2</sup>**



## Resists Impacts

ProtectWALL's engineered construction, both for 2CR and 1.5mm enhanced profiles, makes it as resistant as stiff plates to impacts. See cross section page 6.



## Resists Scratches

Using smart and textured embossing, ProtectWALL withstands up to 20N of force and stays scratch-free. See cross section below page 6.

After impacts or a hammer blow:



ProtectWALL  
No impact



Plasterboard  
Damaged



Stiff plates  
Scratched

After scratches or voluntary damage:



ProtectWALL  
No impact



Plasterboard  
Damaged



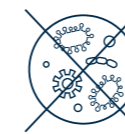
Stiff plates  
Scratched





# FLAWLESS HYGIENE FOR ALL ENVIRONMENTS

ProtectWALL adapts itself to all types of technical requirements, from simple wall protection along corridors, to full coverage from floor to ceiling when hygiene is of utmost importance.



**No Place  
for Germs to Gather**

ProtectWALL vastly reduces germ infiltration by limiting the number of joints necessary – possible sites where germs can reside – thanks to continuous installation and flexibility.

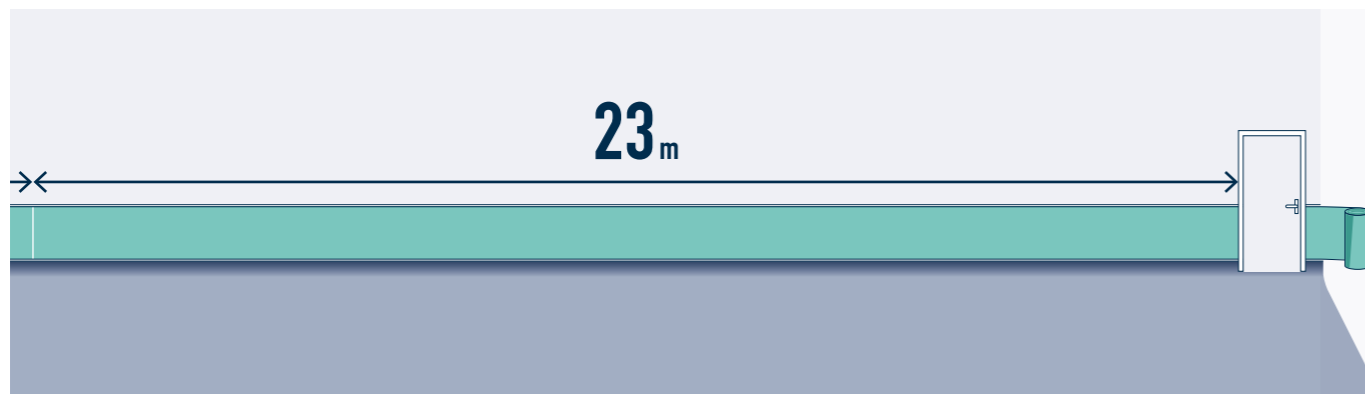


**Impeccable  
Presentation**

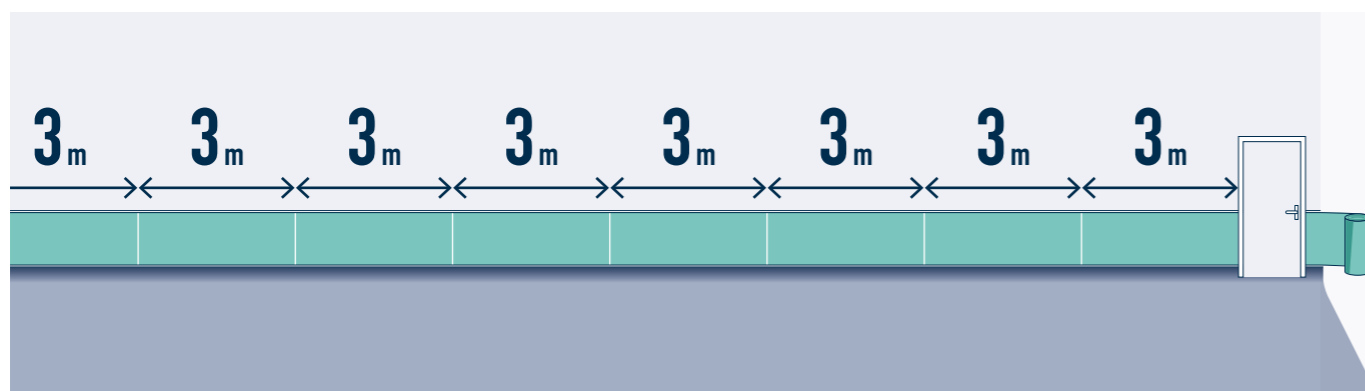
Thanks to the PUR surface treatment, ProtectWALL meets a wide range of standards in terms of stain resistance. Cleaning is simple, even in special circumstances when only clear water and a steam cleaner are allowed.

**10** times fewer joints

**ProtectWALL – joints every 23 metres**



**Stiff plates – joints every 3 metres**



**Impenetrable hot welded joints**

ProtectWALL's joints meet the EN 684 standard and stay intact under enormous stress, ensuring an immaculate surface and peace of mind.

**Joints resist tearing when stretched  
using over 400N of force per 50mm.**

**1.5mm & 2mm can both be hot welded**

**High flexibility coving**

Meeting the ISO 24344 flexibility standard, which is measured using a specific rolling tool, ProtectWALL doesn't crack, guaranteed.

**Cove inside and outside corners**



**Immune to stains**

**HEALTHCARE**

- ✓ Acetic acid 50%
- ✓ Betadine
- ✓ Cetavlon
- ✓ Chloroform photocopier ink
- ✓ Concentrated acid for haemodialysis
- ✓ Ether
- ✓ Ethyl acetate
- ✓ Formic acid concentrate
- ✓ Formol
- ✓ Hydrochloric acid concentrate
- ✓ Hydrochloric acid 50%
- ✓ Mercryl
- ✓ Nitric acid 50%
- ✓ Nitric acid concentrated
- ✓ Peroxide

**EDUCATION**

- ✓ Ball point pen
- ✓ Bleach
- ✓ Gouache poster paint
- ✓ Photocopier ink
- ✓ Lead pencil
- ✓ Nail varnish
- ✓ Rust
- ✓ Butter
- ✓ Soda
- ✓ Tomato sauce
- ✓ Shoe polish
- ✓ Ink



**PROTECTWALL**  
UNI - SUPER WHITE 2CR - 061



**EXCELLENCE**  
TISSAGE - SOFT LIGHT BLUE - 130  
UNI - WHITE - 940

# CLEAN ROOM SOLUTION IN, CONTAMINATION OUT

Tarkett developed ProtectWALL 2CR specifically for the carefully regulated environments in clean rooms and laboratories. It achieves best-in-class performance in minimising infection and contamination.



**Sterile Atmosphere**

ProtectWALL ensures total hygienic cleanliness, strictly limiting airborne particle concentrations and meeting numerous clean room hygiene standards.

**ISO Class 1 certified**

INFECTIOUS RISK LEVEL	AIR CLEANLINESS CLASSIFICATION (PARTICLES)	MAXIMUM CONCENTRATION IN NUMBER OF PARTICLES PER CUBIC METRE OF AIR (µm/m³)					
		ISO	GMP	0,1µm	0,2µm	0,3µm	0,5µm

Highest risk and most demanding levels (electronic industries...)	ProtectWALL 2CR					
	ISO 1	10	2	-	-	-

**Chemical resistance** ISO 26987 Excellent\*

**Bacteria resistance** ISO 846  
Does not favor bacterial growth (Pseudomonas aeruginosa).  
Tarkett solutions are fungistatics and bacteriostatics

**Classification of particulate surface cleanliness** ISO EN 14644-9  
Excellent  
99,8% of the particles applied could be removed\*

**Ease of decontamination** ISO 8690 Excellent\*



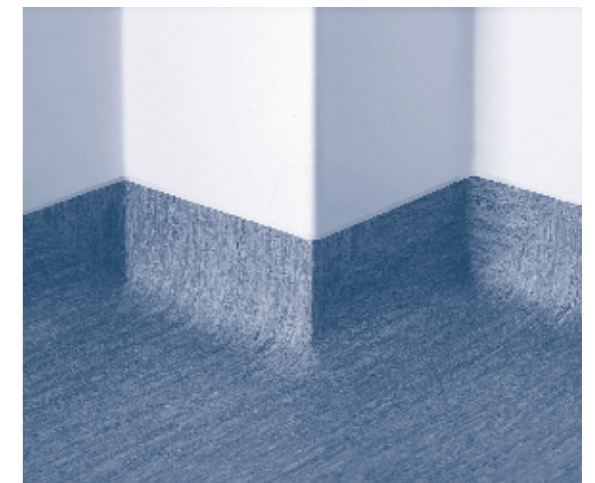
**Hermetically Sealed Spaces**

**Spaces**

Combining all of Tarkett's solutions, seals germs out and creates a fully waterproof surface. Coving leaves no sharp corners so that all floor and wall angles can be sanitised.

- 2mm wall & floor coverings**
- + Hot welded joints**
- + Comprehensive coving**

**100%** hygienic & easy to clean surfaces



**200,000 m²**  
installed since 2013

Including hospitals such as La Pitié-Salpatrière (Paris) and Saint-Nazaire University Hospital (Nantes)

\*Tarkett level certified by the Fraunhofer Institute.





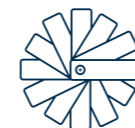
**PROTECTWALL**  
 TRANSITION - BLUE GREEN  
 066  
 UNI - BRIGHT ICE BLUE 048  
 UNI - SUPER WHITE 2CR 061



**PLATINIUM**  
 MELT - TURQUOISE 005  
 MELT - LIGHT GREY 009  
 SUGAR - TURQUOISE 057

# WALLS AS A SPACE FOR INSPIRATION

From linear to vertical, doors to long hallways, functional to inviting, ProtectWALL offers a wide variety of options to include walls in a building's overall aesthetic.



## Pick Your Colour

Choose from colours and designs to make spaces more welcoming and comfortable.

**50+** designs

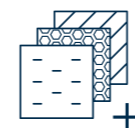
## Play with Design

Install ProtectWALL 1.5 horizontally and vertically on walls and doors to create design, signage and accessibility details.

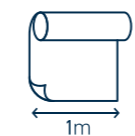
**1m & 2m** dimensions

## Special attention to smaller spaces

For more personal spaces like patient rooms, ProtectWALL now has a select range of patterns to create a bright and cosy atmosphere.



**NEW!**  
**5** home-inspired designs to generate well-being

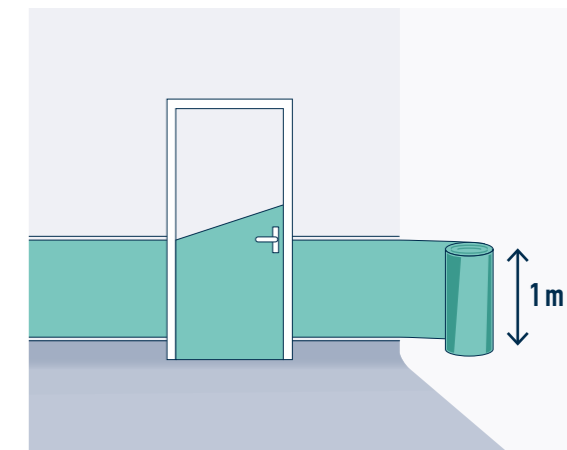


## Cut to the Exact Size

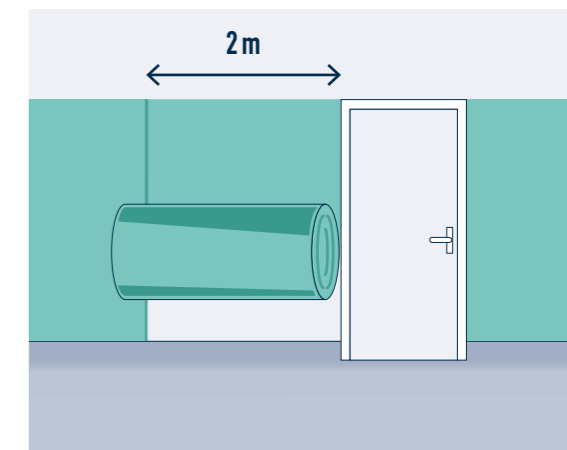
Transition is a unique 1-metre-high linear design for corridors that unrolls horizontally along the wall.

**NEW!**  
**Cut Service** cuts rolls to fit your space

## Horizontal Installation



## Vertical Installation





**PROTECTWALL**  
 UNI - GREEN CELADON - 038  
 CONCRETE - COOL GREY - 058  
 BRUSHED METAL - SILVER  
 054



**EXCELLENCE**  
 FACET - WATER 115  
 UNI - INTENSE WATER 936  
 OAK TREE - GREY 202  
 ALLOVER WOOD - WHITE 714

# THE FULL SOLUTION FOR AN ENTIRE BUILDING

All of Tarkett's HE collections, Excellence, Platinum, ProtectWALL and Stairs, are designed to mix and match with each other. Your project benefits from a completely harmonised design concept throughout all spaces, complete with patterns that cross over into all collections. Explore and install the full solution!

### Wetroom Concept

For a watertight design solution  
 (Floor: 89 colour options  
 Wall: 77 colour options)

### ProtectWALL

For maximum impact,  
 stain & scratch resistance  
 (50 colour options)

### Tapiflex Stairs

For increased safety  
 (22 colour options)

### NEW Platinum

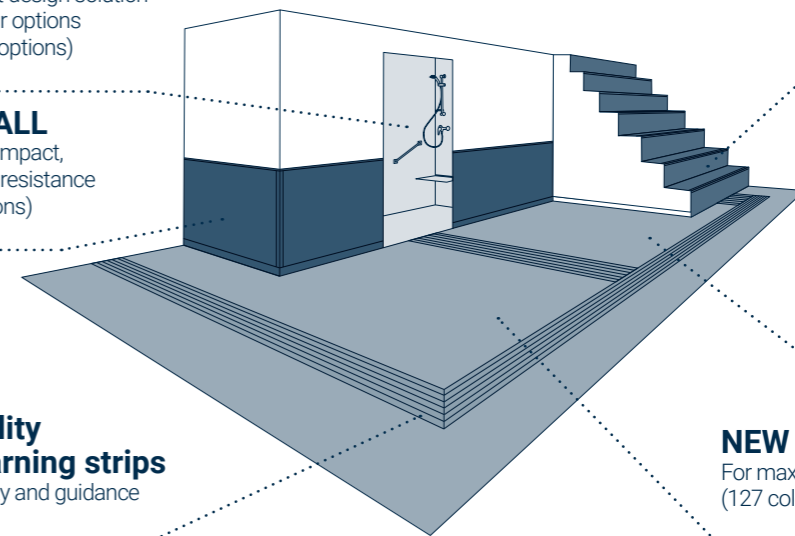
For the ideal heavy  
 traffic solution  
 (72 colour options)

### NEW Excellence

For maximum design possibilities  
 (127 colour options)

### Accessibility Tactile warning strips

To ensure safety and guidance



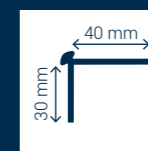
## Accessories for a perfect finish

Optimize building orientation, navigation and safety with our dedicated accessories range.



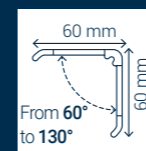
### CAPS

Provides a perfect finish and protects the edge of the wall covering.



### SET-IN CORNERS

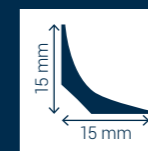
Protects the outside corner when angle is not covered.



### SET-ON CORNERS

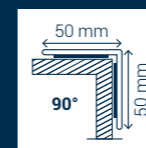
Covers and protects the outside corner.

Solid PVC adjustable.



### COVE FORMERS

Improves hygiene inside wall corner for easy maintenance and used to form a cove where the floor is continued up to wall.



Solid PVC 90°

Please also ask for more information from your Tarkett rep.



**PROTECTWALL**

TISSAGE - LIGHT YELLOW - 055

UNI - BRIGHT YELLOW - 037

UNI - LIGHT YELLOW - 050

UNI - TISSE WHITE BLUE - 049

UNI - WHITE BLUE 049



**EXCELLENCE**

TISSAGE - SOFT YELLOW - 133

TISSAGE - SOFT LIGHT BLUE - 130

UNI - BRIGHT YELLOW - 930

				PROTECTWALL 1.5	PROTECTWALL 2CR	TAPIFLEX STAIRS	EXCELLENCE	PLATINIUM	MATCHING SKIRTINGS	MATCHING WR
Design	Colour	NCS	LRV (%)							
<b>BRUSHED METAL</b>	Copper (Cuivre)	S4010 - Y50R	21,57	26500052		OAK TREE STAIRS beige 25171030	ALLOVER WOOD grege 711	SPICE & CANDY grey 026	KS 61-1411 032	24806113
	Gold	S4010 - Y10R	26	26500053		TISSAGE STAIRS soft grege 25171032	TISSAGE soft beige 129	SALT & PEPPER grege 015	KS 61-1411 027	24806114
	Silver	S3502 - R	34,05	26500054		UNI STAIRS medium alu 25172118	ESQUISSE light grey 013	RUBBER beige 033	KS 61-1411 011	24806115
<b>CONCRETE</b>	Chalk	S2005 - Y50R	46,64	26500059		OAK TREE STAIRS grey 25171031	CONCRETE chalk 502	MELT beige 020	KS 61-1411 012	24806116
	Cool grey	S3502 - Y	37,74	26500058		CONCRETE STAIRS cool grey 25171000	CONCRETE cool grey 500	MELT medium grey 010	KS 61-1411 011	24806117
<b>JUNGLE</b>	Beige	S1005 - Y10R / S1005 - Y20R	65,43	26500073		GRANITO STAIRS beige 25171013	GRANITO light beige 109	SNOW mastic 048	KS 61-1411 027	24806118
	Fresh green	S1010 - G80Y / S1015 - G80Y	68,11	26500071		GRANITO STAIRS grey 25171012	SCANDINAVIAN OAK light beige 402	RUBBER lime 037	KS 61-1411 034	24806119
	Green Celadon	S1010 - G / S1510 - B80G	64,3	26500070		UNI STAIRS bright ice blue 25172122	UNI bright ice blue 932	MELT lagoon 013	KS 61-1411 035	24806120
	Grey	S1002 - Y50R / S1502 - Y50R	65,6	26500072		GRANITO STAIRS grey 25171012	CONCRETE chalk 502	RUBBER beige 033	KS 61-1411 012	24806121
	Intense	S2010 - B70G / S3010 - G30Y / S2020 - B40G	42,73	26500069		UNI STAIRS bright ice blue 25172122	UNI bright ice blue 932	MELT lime 004	KS 61-1411 044	24806122
	Tonic	S1020 - B30G / S1040 - G30Y / S1030 - B70G	43,58	26500068		UNI STAIRS bright anis 25172121	UNI bright anis 931	MELT turquoise 005	KS 61-1411 036	24806123
	<b>MARBLE</b>	Carrare	S0500 - N	78,88	26500064		CONCRETE STAIRS cool grey 25171000	ESQUISSE light grey 013	SNOW chalk 055	KS 61-1411 012
<b>TISSAGE</b>	Fresh green	S1020 - G80Y	60,73	26500028		GRANITO STAIRS grey 25171012	SCANDINAVIAN OAK light beige 402	RUBBER lime 037	KS 61-1411 034	24806125
	Grey	S1002 - Y50R	48,07	26500004		CONCRETE STAIRS cool grey 25171000	ESQUISSE light grey 013	RUBBER beige 033	KS 61-1411 012	24806126
	Grey beige	S2005 - Y20R	53,42	26500057		OAK TREE STAIRS grey 25171031	SCANDINAVIAN OAK light beige 402	UNI dark beige 918	KS 61-1411 027	24806127
	Light aqua	S2005 - G	51,56	26500029		UNI STAIRS bright ice blue 25172122	UNI intense petrole 935	SNOW petrol 043	KS 61-1411 035	24806128
	Light grey	S1002 - G50Y	76,52	26500003		UNI STAIRS medium alu 25172118	TISSAGE soft grey 127	SNOW chalk 055	KS 61-1411 012	24806129
	Light Yellow	S1020 - G90Y	70,52	26500055		UNI STAIRS bright yellow 25172120	TISSAGE soft yellow 133	MELT yellow 003	KS 61-1411 012	24806130
	Warm grey	S0804 - Y50R	75,57	26500005		OAK TREE STAIRS beige 25171030	OAK TREE beige 200	SALT & PEPPER white 007	KS 61-1411 027	24806131
	White Blue	S2010 - R90B	48,81	26500056		UNI STAIRS medium alu 25172118	UNI intense jean 943	SNOW denim 042	KS 61-1411 042	24806132
	<b>TRANSITION</b>	Blue Green	S0502 - Y50R / S0603 - G40Y	72,56	26500066		UNI STAIRS bright ice blue 25172122	FUSION LINES intense petrole 174	UNI white 949	KS 61-1411 035
Grey		S0502 - Y50R / S1002 - G50Y	75,09	26500065		FUSION LINES STAIRS phospho 25172024	FUSION LINES phospho 171	UNI medium grey 917	KS 61-1411 012	24806134
Yellow Green		S0502 - Y50R / S0907 - G90Y	74,02	26500067		FUSION LINES STAIRS dark grey 25172025	FUSION LINES intense olive 175	MELT lime 004	KS 61-1411 012	24806135
<b>UNI</b>	Bright Anis	S2040 - G90Y	46,91	26500039		UNI STAIRS bright anis 25172121	UNI bright anis 931	MELT anis 016	KS 61-1411 036	24806136
	Bright Dark Turquoise	S3050 - B20G	15,97	26500040		UNI STAIRS bright ice blue 25172122	UNI bright dark turquoise 933	MELT turquoise 005	KS 61-1411 044	24806137
	Bright Extreme blue	S4050 - R80B	8,42	26500042		UNI STAIRS medium alu 25172118	UNI bright extreme blue 941	MELT dark blue 006	KS 61-1411 039	24806138
	Bright Orange	S2070 - Y60R	21,7	26500036		UNI STAIRS bright orange 25172119	UNI bright orange 929	SUGAR coral 052	KS 61-1411 020	24806139
	Bright Red	S2060 - Y90R	14,95	26500045		UNI STAIRS grey 25172117	UNI bright red 928	MELT coral 002	KS 61-1411 019	24806140
	Bright Turquoise	S2050 - B30G	27,04	26500046		UNI STAIRS bright ice blue 25172122	UNI bright turquoise 926	MELT lagoon 013	KS 61-1411 044	24806141
	Bright Yellow	S1060 - Y10R	46,12	26500037		UNI STAIRS bright yellow 25172120	UNI bright yellow 930	MELT yellow 003	KS 61-1411 028	24806142
	Dark grey	S6005 - R80B	14,17	26500041		UNI STAIRS grey 25172117	UNI dark grey 916	UNI dark grey 916	KS 61-1411 009	24806143
	Green Celadon	S1010 - G	66,89	26500038		UNI STAIRS medium alu 25172118	UNI intense water 936	UNI white 949	KS 61-1411 035	24806144
	Intense Olive	S2040 - G90Y	38,8	26500047		UNI STAIRS bright anis 25172121	UNI intense olive 938	MELT lime 004	KS 61-1411 036	24806145
	Intense Plum	S6020 - R10B	6,2	26500051		UNI STAIRS dark beige 25172116	UNI intense plum 937	MELT eggplant 007	KS 61-1411 029	24806146
	Light Beige	S1005 - Y10R	64,82	26500122		OAK TREE STAIRS beige 25171030	TISSAGE soft beige 129	SALT & PEPPER white 007	KS 61-1411 027	24806147
	Light grey	S2002 - Y50R	56,47	26500060		GRANITO STAIRS grey 25171012	TRIANGLE WOOD chalk	RUBBER beige 033	KS 61-1411 012	24806149
	Light Yellow	S1015 - G90Y	71,39	26500050		UNI STAIRS bright yellow 25172120	TISSAGE soft yellow 133	MELT mustard 017	KS 61-1411 012	24806151
	Medium Grey	S3000 - N	38,9	26500044		UNI medium grey 26500044	UNI medium grey 917	UNI medium grey 917	KS 61-1411 011	24806152
	Warm grey	S5000 - N	20,92	26500043		UNI STAIRS grey 25172117	UNI warm grey 925	UNI warm grey 025	KS 61-1411 010	24806155
	White blue	S2005 - B	57,09	26500049		UNI STAIRS medium alu 25172118	UNI intense jean 943	SNOW denim 042	KS 61-1411 042	24806156
	Light beige 2CR	S1005 - Y10R	62,05		26501063	OAK TREE STAIRS beige 25171030	TISSAGE soft beige 129	SALT & PEPPER white 007	KS 61-1411 027	24806148
	Light grey 2CR	S2002 - Y50R	53,78		26501062	GRANITO STAIRS grey 25171012	TRIANGLE WOOD chalk	RUBBER beige 033	KS 61-1411 012	24806150
	Medium Grey 2CR	S3000 - N	41,14		26501044	UNI medium grey 26500044	UNI medium grey 917	UNI medium grey 917	KS 61-1411 011	24806153
	Super White 2CR	S1002 - Y50R	74,41		26501061	UNI STAIRS medium alu 25172118	ESQUISSE light grey 013	RUBBER beige 033	KS 61-1411 012	24806154
	White blue 2CR	S2005 - B	53,98		26501049	UNI STAIRS medium alu 25172118	UNI intense jean 943	SNOW denim 042	KS 61-1411 042	24806157
	Bright Ice blue	S2020 - B40G	45,98	26500048		UNI STAIRS bright ice blue 25172122	UNI bright ice blue 932	MELT lagoon 013	KS 61-1411 044	24806158
	Dark aqua	S5010 - B30G	19,13	26500135		UNI STAIRS bright ice blue 25172122	UNI intense petrole 935	MELT petrol 012	KS 61-1411 044	24806159
	Fresh green	S0515 - G60Y	72,86	26500134		OAK TREE STAIRS beige 25171030	TISSAGE soft light green 131	MELT lime 004	KS 61-1411 034	24806160
	Super White	S1002 - Y50R	69,15	26500221		UNI STAIRS medium alu 25172118	ESQUISSE light grey 013	RUBBER beige 033	KS 61-1411 012	24806161
	White grey	S1002 - Y50R	66,43	26500132		UNI STAIRS medium alu 25172118	TISSAGE soft grey 127	SNOW chalk 055	KS 61-1411 012	24806162

# SIMPLE STEPS TO RENOVATION-FREE WALLS

Follow Tarkett's tips and techniques to ensure that your ProtectWALL installation is impermeable, impenetrable and stays in good condition for years to come.

## ROOM CONDITIONS AND REQUIREMENTS

### Wall

- Apply to plaster, hardboard, plywood or fibreboard that is smooth, dry, clean, and sound.
- Fix board material firmly to avoid moving or warping.
- Moisture content of 8% (equivalent to 40% relative humidity at 20°C) for boards and similar substrates.
- For concrete and plaster, relative humidity level less than 85% (75% in the UK and Ireland according to BS 8203). Strongly bonded wall material, enough to support vinyl weight.
- Do not install on walls painted with oil paints.

### Preparation and Pre-Installation

- Apply a primer to surfaces. Level off concrete and cement walls with a water-resistant filler or levelling compound for a smooth surface, sound for gluing.
- If using several rolls, check that manufacturing serial numbers are the same and use in consecutive order.
- Store rolls indoors 24-48 hours prior to installation. Material, adhesive and walls must be at 18°C and a relative humidity of at least 30-60%.

### Installation

- Install at between 15 and 25°C. Substrate temperature at 15°C and relative humidity 35 to 65%. Maintain same conditions for at least 72 hours following installation.
- Cut sheets to the required length and lay them out to acclimatise and relax prior to installing. This is especially important for longer lengths.
- Sheets already have an approved adhesive applied to their backs. See the adhesive manufacturer's instructions regarding coverage, opening time, etc.
- Avoid colour differences when installing. Reverse sheets when possible, overlap and cut edges if needed.
- Install ProtectWALL horizontally (2m or 1m width) and vertically.
- ProtectWALL is flexible enough to pass inside and outside corners without interruption.

### Hot Welding

- Wait at least 24 hours after installing.
- Hot weld sheets together and the junction between ProtectWALL and covered flooring, using 4mmPVC welding rod. Groove 2/3 of the compact layer and weld with a hot speed nozzle.
- Trim the welding rod immediately and after 5 minutes with a Mozart knife.

### After Installation

- Clean the working area of all adhesive marks, stains and dust.
- Open the area to normal traffic after 48 hours, and move furniture after 72 hours.

Consult documentation online for more exhaustive information about transporting, preparing and installing ProtectWALL. Customised training for all aspects of installation and finishing is also available. You may also contact your Tarkett representative.

Tarkett accepts no liability for adhesives and levelling compounds used, including those recommended.

# A METHODOICAL APPROACH TO CLEANING

Tarkett's PUR surface treatment facilitates cleaning and decreases the need for water and solvents, reducing environmental impact. Regular and attentive cleaning maintains flooring in between periodic deep-clean buffing sessions.

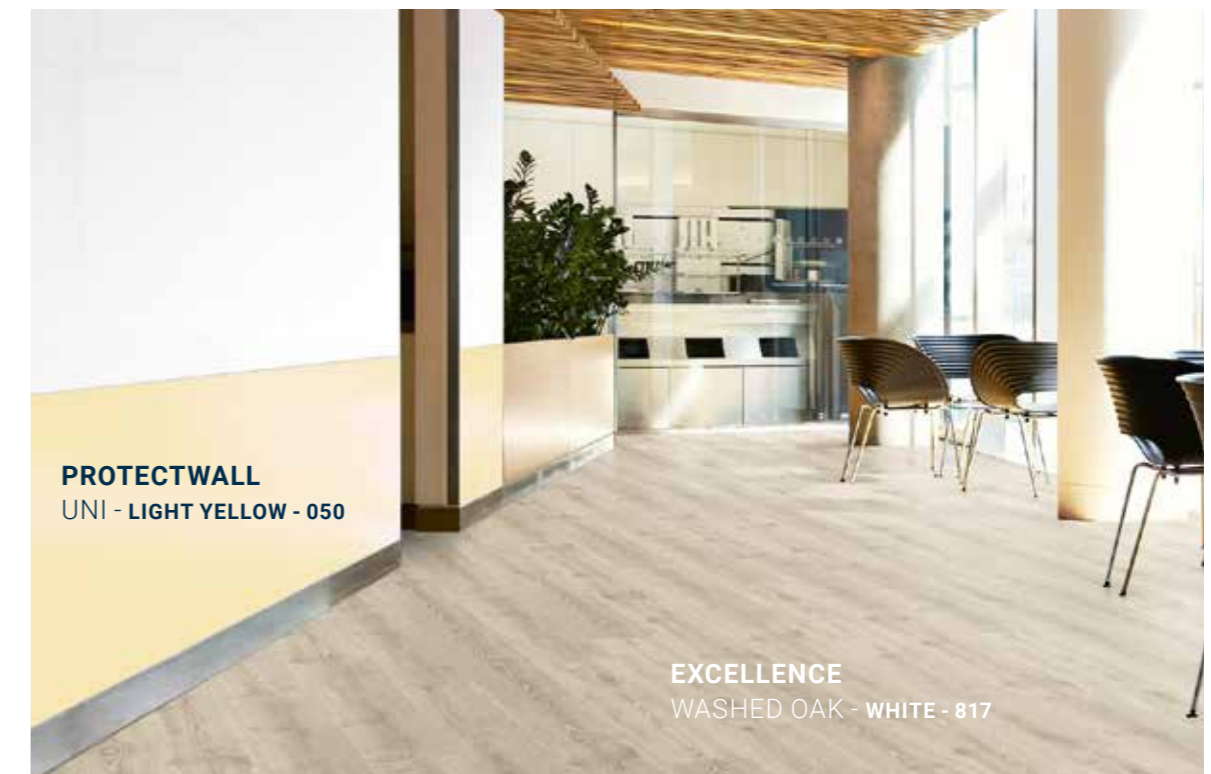
## MAINTENANCE

### Daily maintenance

- Clean with a damp cloth or sponge using a neutral detergent (pH 6/8) as recommended by the manufacturer.

### Periodic maintenance

- Wet brush (soft bristle brush) with diluted alkaline detergent (pH 8/10). Always follow the detergent manufacturer's instructions.
- Disinfectants, degreasing and/or descaling agents may sometimes be required.





# ProtectWALL TENDER SPECIFICATION

## ProtectWALL 1.5

The selected wall covering similar to ProtectWALL 1.5 belongs to the wall covering category under the ISO standard 15102, available in 2m wide sheet. It is designed to be a permanent wall covering.

The product formulation **does not contain phthalate based plasticizer**. It is built on a calendared backing layer made of recycled vinyl flooring material. It contains over 10% of recycled material.

It has **B-s2,d0 fire classification** under EN standard 13501-1.

The wear layer of 0.35mm is reinforced with a UV photo crosslinked polyurethane including particles of alumina TopClean XP™ treatment, which permanently suppresses any wax and regenerating polish spray maintenance operations. It is classified as super washable and brushable under EN 12596 criteria. It offers the level **Not affected (0) for stain & chemical resistance** under the ISO standard 26987.

It is **resistant to impact according to EN 259-2** standard to protect the wall against the shocks of medical beds, trolleys or other heavy equipment (motorized or not). It is suited for use in corridors, patient rooms and other areas of hospitals, care institutions, education buildings, stores and storage areas.

It offers a **dimensional stability ≤1% lengthwise** according to EN ISO 23999 standard. It is hot welded with 4mm welding rods for better hygiene and perfect water-tightness, offering a **seam strength >400N/50mm** under EN 684 standard.

Its emission rate of volatile organic compounds in air is very low, measured after 28 days according to EN 16516 standard. Close to zero emission (quantification limit), **TVOC, TSVOC and formaldehyde emissions are below than 10 µg/m³**.

It is free of formaldehyde and is 100% REACH compliant.

It is 100% recyclable and installation off-cuts can be collected and recycled in new products through the Tarkett ReStart® program.

ProtectWALL 1.5 comes with a **10 year Warranty**.

## ProtectWALL 2CR

The selected wall covering similar to ProtectWALL 2CR belongs to the wall covering category under the ISO standard 15102, available in 2m wide sheet. It is designed to be a permanent wall covering.

The product formulation **does not contain phthalate based plasticizer**. It is built on a calendared backing layer made of recycled vinyl flooring material. It contains over 10% of recycled material.

It is suitable for usage in Clean Rooms and Laboratories, and is certified **ISO Class 1 for Contamination control** under EN standard 14644-1. It has **B-s3,d0 fire classification** under EN standard 13501-1.

The wear layer of 0.55mm is reinforced with a UV photo crosslinked polyurethane including particles of alumina TopClean XP™ treatment, which permanently suppresses any wax and regenerating polish spray maintenance operations. It is classified as super washable and brushable under EN 12596 criteria. It offers the level **Not affected (0) for stain & chemical resistance** under the ISO standard 26987.

It is **resistant to impact according to EN 259-2** standard to protect the wall against the shocks of medical beds, trolleys or other heavy equipment (motorized or not). It is suited for use in operating theatres, laboratories, corridors, patient rooms and other areas of hospitals, care institutions, education buildings, stores and storage areas.

It offers a **dimensional stability ≤1% lengthwise** according to EN ISO 23999 standard. It is hot welded with 4mm welding rods for better hygiene and perfect water-tightness, offering a **seam strength >400N/50mm** under EN 684 standard.

Its emission rate of volatile organic compounds in air is very low, measured after 28 days according to EN 16516 standard. Close to zero emission (quantification limit), **TVOC, TSVOC and formaldehyde emissions are below than 10 µg/m³**.

It is free of formaldehyde and is 100% REACH compliant.

It is 100% recyclable and installation off-cuts can be collected and recycled in new products through the Tarkett ReStart® program.

ProtectWALL 2CR comes with a **10 year Warranty**.

### More excellent reasons to choose Tarkett Excellence

- ✓ 100% Phthalate Free
- ✓ No formaldehyde
- ✓ 100% recyclable
- ✓ Test reports and certificates available upon request
- ✓ Optimal indoor air quality
- ✓ TVOC ≤ 10 µg/m³ after 28 days
- ✓ FloorScore® certified
- ✓ ISO 14001 certified production site
- ✓ REACH Compliant and CE Marking

# TECHNICAL DATA SHEET

## SPECIFICATION DATA

The ProtectWALL range, available in 50 decors, is a smart wall solution designed to be a heavy duty wallcovering to protect walls against shocks and scratches in heavy traffic environments. The range is 100% phthalate-free and the VOC air emission rate is very low; less than 10µg/m³. The range includes a 1.5mm version and a 2CR version designed for Clean Rooms and classified ISO Class 1 (EN 14644-1), both with a 10 year warranty.

TECHNICAL DATA	STANDARD	PROTECTWALL 1.5	PROTECTWALL 2 CR (Clean Room)
<b>CLASSIFICATION</b>			
Classification	EN 259-1 EN 14644-1	Heavy duty wall covering - -	Heavy duty wall covering ISO class 1 GMP class A
<b>TECHNICAL CHARACTERISTICS</b>			
Total thickness	EN ISO 24346	1.50 mm	2.00 mm
Total weight	EN ISO 23997	2400 g/m²	3000 g/m²
Wear layer thickness	EN ISO 24340	0.35 mm	0.55 mm
Form of delivery	EN ISO 24341 (rolls)	20 running metres x 200 cm (40m²)	20 running metres x 200 cm (40m²)
<b>PERFORMANCES FOR CE MARKING REQUIREMENTS (EN 15102)</b>			
Declaration of Performance	EN 15102	0132-0065-DoP-2016-07	0131-0051-DoP-2013-07
Reaction to fire	EN 13501-1	B-s2,d0 glued on any non-metal A1 or A2-s1,d0 class substrate	B-s3,d0 glued on any non-metal A1 or A2-s1,d0 class substrate
Electrostatic properties	EN 1815	≤ 2 kV	≤ 2 kV
<b>TECHNICAL PERFORMANCES</b>			
Dimensional stability	ISO 23999 - EN 434	≤ 1% lengthwise	≤ 1% lengthwise
Curl resultant to heat	ISO 23999 - EN 434	≤  2  mm	≤  2  mm
Light fastness	EN ISO 105-B02	≥ 6	≥ 6
Resistance to impacts	EN 259-2	Resistant to impacts No visible burst nor crack	Resistant to impacts No visible burst nor crack
Scratch resistance		Sclerometer test: Excellent No visible scratch	Sclerometer test: Excellent No visible scratch
Spongeability washability Lyability brushability	EN 12956	Super washable and brushable	Super washable and brushable
Scuff resistance		Excellent No visible mark after cleaning	Excellent No visible mark after cleaning
Determination of Flexibility	ISO 24344 - EN 435	No damage, no crack	No damage, no crack
Determination of seam strength	EN 684	> 250 N/50 mm	> 400 N/50 mm
Hardness Shore A	ISO 868	92	94
Stain resistance Chemical resistance	ISO 26987 - EN 423	Not affected (0)	Not affected (0)
Contamination control	EN 14644-1	-	ISO Class 1 /GMP class A
Ease of decontamination	ISO 8690	-	Good
<b>ENVIRONMENTAL PERFORMANCES</b>			
Total VOC emissions	ISO 16000-9	≤ 10 µg/m³ (after 28 days)	≤ 10 µg/m³ (after 28 days)
<b>COLOURS</b>			
		45	5

The above information is subject to modification for the benefit of further improvement. (01/18).

According to the European Regulation N° 305/2011 for CE Marking, the Declarations of Performance are available on our website [www.tarkett.com](http://www.tarkett.com)

Tarkett's instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

CUSTOMS TARIFF : 4820 5000 00



Disclaimer: Please note that products in photos are installed for creative purposes and not according to technical specifications. Please refer to Tarkett installation instructions for guidance.

