

Polysafe™ Apex 55

RRL Pendulum Test
55+
Sustainable Slip Resistance

R12
RAMP
TEST

P5
AS 4586



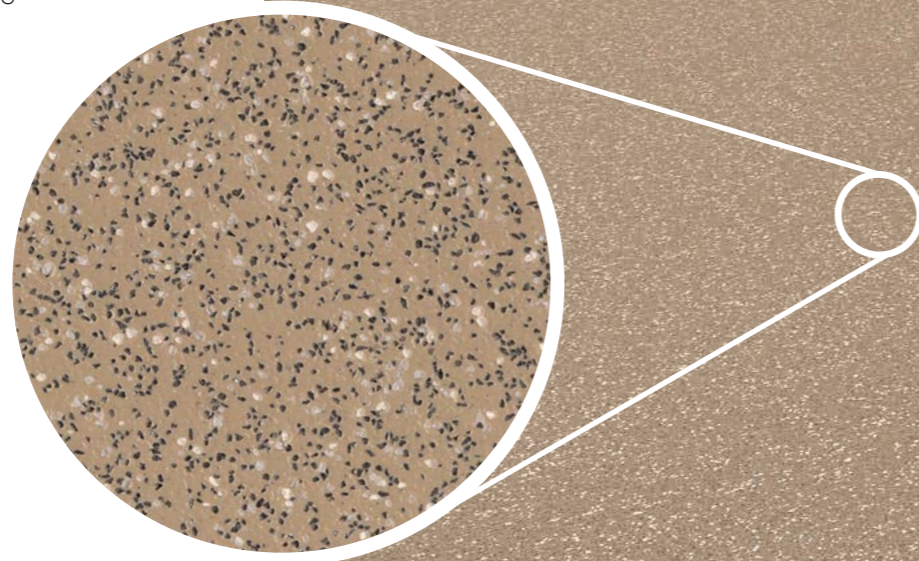
HEAVY DUTY 3MM SAFETY FLOORING

**COMMERCIAL
KITCHENS**

Engineered for optimum **SLIP RESISTANCE**

Polysafe Apex 55: The perfect choice for commercial kitchens

- ✔ Specialist safety floor for commercial kitchens with enhanced slip resistance of **PTV >55+ / R12** for protection against high viscosity contaminants
- ✔ Sustainable Slip Resistance for the guaranteed lifetime of the product
- ✔ Impervious and non-absorbent
- ✔ Hard wearing and resistant to heat
- ✔ Easy to clean reducing long-term maintenance costs
- ✔ Extremely durable with a 3mm gauge
- ✔ The perfect alternative to Ceramic tiles



An invisible, slippery film coats kitchen floors when airborne oil particles cool down.

REDUCING THE RISK OF WORKPLACE SLIP DANGERS

Our specialist commercial kitchen safety flooring range, Polysafe Apex 55 has our highest slip resistance rating of PTV >55+/R12 to reduce the chance of slipping in busy catering environments.

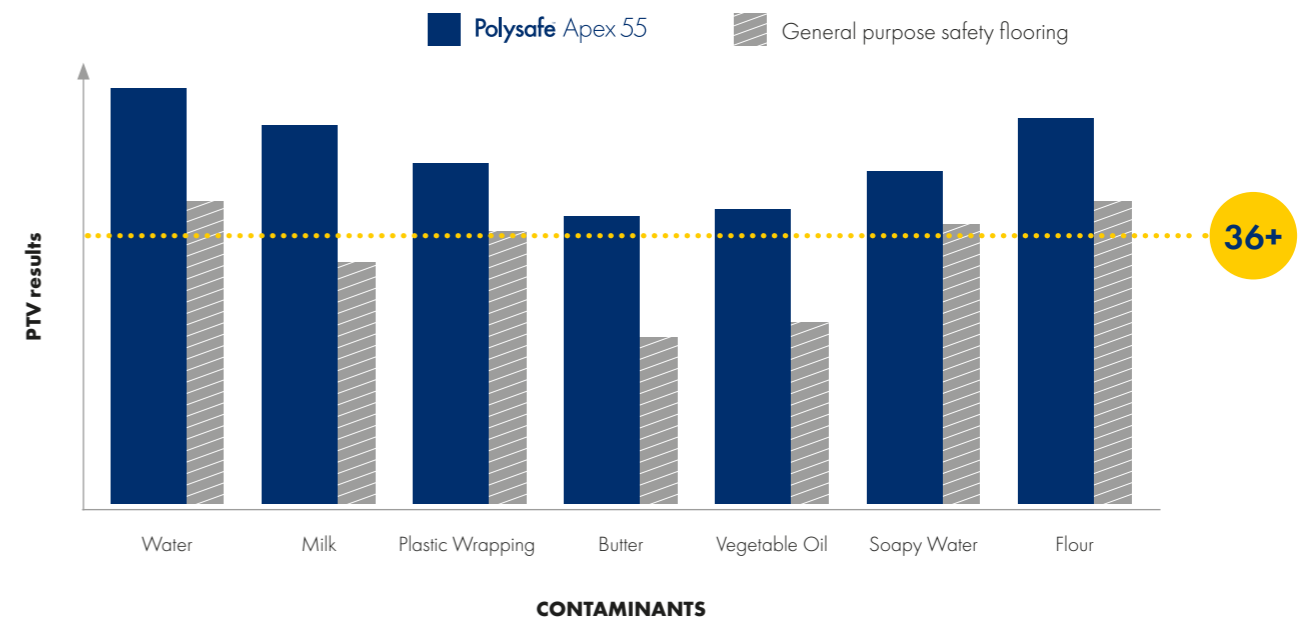
In commercial kitchens everyday spillages of liquids and solids such as cooking oil significantly increase the risk of slip. Polysafe Apex 55 has been specifically engineered to offer underfoot protection against these high viscosity contaminants by providing sustainable slip resistance for the guaranteed life of the product.

As well as everyday spillages of liquids and solids, airborne particles of evaporated cooking oil cool down and coat the floor with a dangerous slippery film. This film needs regular cleaning to keep surfaces grippy and safe, and those everyday spills need immediate attention, even when time is tight. This means that from quiet cafes to huge commercial kitchens, having a hygienic, slip resistant and easily cleaned floor is an absolute essential.

Using the BS EN 16165 standard pendulum test, we tested slip resistance across a range of contaminants found in a typical commercial kitchen with our new Polysafe Apex 55 flooring vs a general purpose safety flooring:



For real peace of mind, **Polysafe Apex 55** has been rigorously tested for slip resistance across a range of contaminants.



Designed to **PERFORM** Across Sectors

Polysafe Apex 55 achieves the slip performance and durability required for busy food preparation situations, from canteen and servery environments within education to fine dining restaurant kitchens and industrial food production spaces.



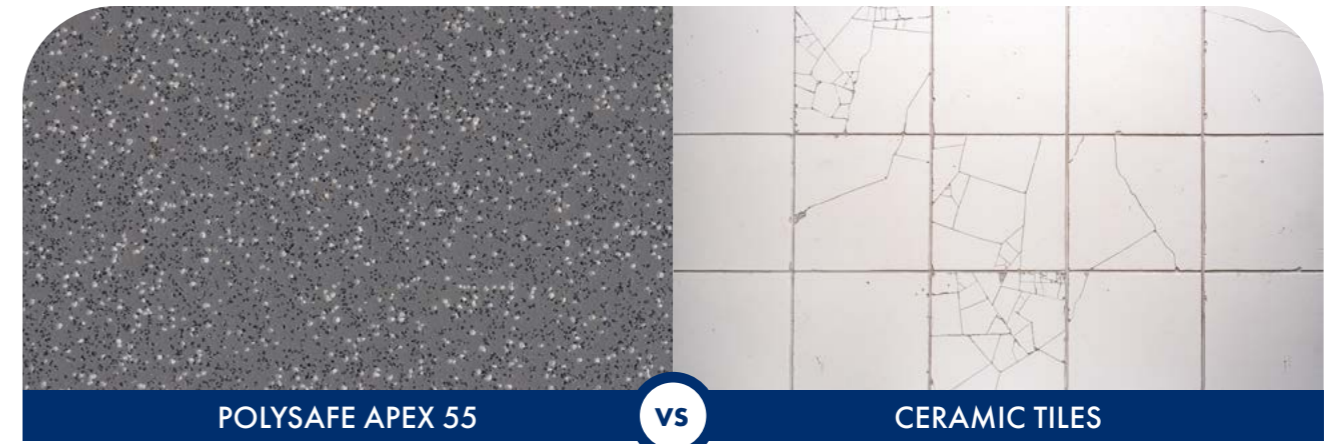
- RESTAURANTS
- FAST FOOD CHAINS
- HOTELS

- HOSPITALS
- EXHIBITIONS/STADIUMS
- LEISURE

- SCHOOLS
- PRISONS
- CAFÉS

- FOOD PREPARATION & PRODUCTION SPACES
- SANDWICH SHOPS & TAKEAWAYS

Why Specifiers and Head Chefs **PREFER POLYSAFE APEX 55**



POLYSAFE APEX 55	vs	CERAMIC TILES
Quick with shorter downtime & less disruption to service	INSTALLATION	More expensive with longer downtime & disruption to service
Impervious sheet flooring <ul style="list-style-type: none"> • Easy to clean • Heat welded seams for impervious finish • No grout = Ease of cleaning and minimal opportunity for bacteria to develop • Less joints = the less joints in a surface the more hygienic it is Not prone to impact damage, cracking or chipping	HYGIENE & MAINTENANCE	Grout, often up to 20% of surface area: <ul style="list-style-type: none"> • Susceptible to bacteria • Difficult to clean • Fails, wears away & needs re-grouting (leading to more downtime) Tiles & impact damage: <ul style="list-style-type: none"> • Prone to cracking & chipping • Unsightly aesthetics • Room for bacteria to develop
The 3mm thickness promotes: <ul style="list-style-type: none"> • Noise reduction • Comfort underfoot Continuous sheet flooring, one level with no grout lines	IN USE	<ul style="list-style-type: none"> • A hard surface that creates harsh reverberation in a fast paced, noisy environment • Cold & hard underfoot • Tiles inconsistent with grout lines
100% recyclable through Recofloor	END OF LIFE	Simple recycling schemes often not in place
Sustainable slip resistance of 55+ throughout the product's guaranteed life	SUSTAINABLE SLIP RESISTANCE	Anti-slip properties, however often not sustainable

Designed for **EMPLOYEE SAFETY & WELLBEING**

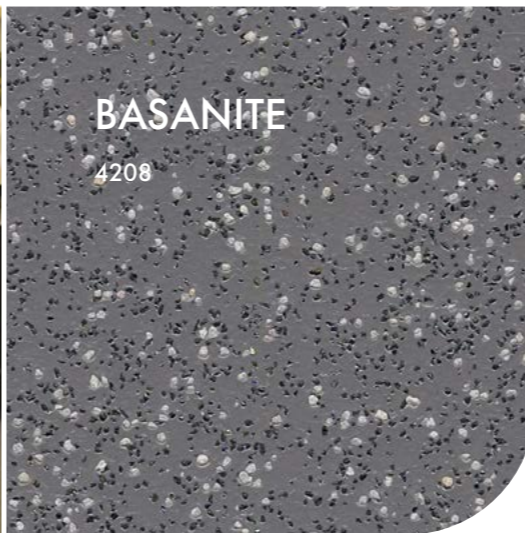


Commercial kitchens are generally busy and fast paced environments, with catering teams and head chefs working against the clock to deliver excellent customer service. This accompanied by food, grease and water spillages can lead to potentially serious slip and trip hazards. Specifying Polysafe Apex 55 flooring minimises the risk of staff slipping and injuring themselves as well as providing the added security of reliable, long lasting slip resistance.

Polysafe Apex 55 is extremely durable with a 3mm gauge which also assists with noise reduction and comfort underfoot. Once Polysafe Apex 55 is installed you have the assurance of sustainable slip resistance for the products guaranteed lifetime.



REDUCE
WORKPLACE
SLIP
DANGERS



SAFETY &
COMFORT
UNDERFOOT



FOR THE
TOUGHEST
ENVIRONMENTS



Designed for **HIGH RISK** Areas & Contaminants

Dry storage

Contaminants:
flour, sugar,
dried pasta,
spilled dry goods

Cold storage

Contaminants:
water, condensation,
bacteria

Withstands temps
from **-30°C**

Appliances

Contaminants:
cookers, fryers, hot oils

Withstands temps
up to **+60°C**

Sink & Pot wash

Contaminants:
water, soap,
bacteria, steam

Servery

Contaminants:
food debris

Main kitchen

Contaminants:
flour, sugar, oils,
grease, water, butter

Veg prep

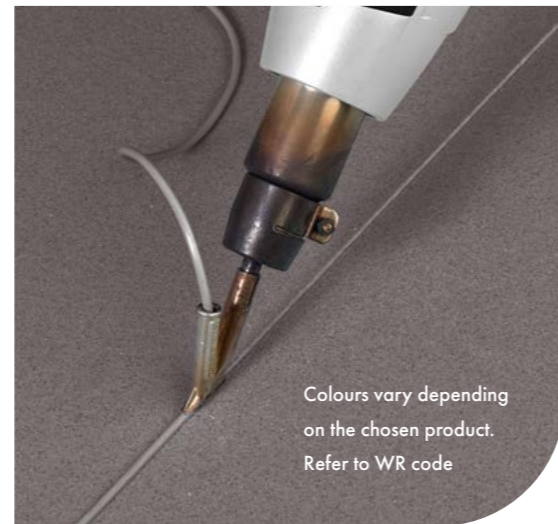
Contaminants:
soil, water,
food peelings

- Totally sealed and **hygienic** working zones
- **Impervious**, non-absorbent and washable
- Combats **extremes** of hot and cold temperatures (+60°C to -30°C)
- Coved junctions between wall cladding and flooring creates an impermeable seal, making **cleaning easier**
- **Minimising** opportunities for bacterial growth

Designed to be **HYGIENIC & IMPERMEABLE**

Hygiene is paramount within a commercial kitchen.

Welded joints and coving up the wall will prevent the ingress of dirt and provide a seamless finish.



Colours vary depending on the chosen product. Refer to WR code

Drainage

To prevent moisture from penetrating under the floor system always use a vinyl clamping drainage system.

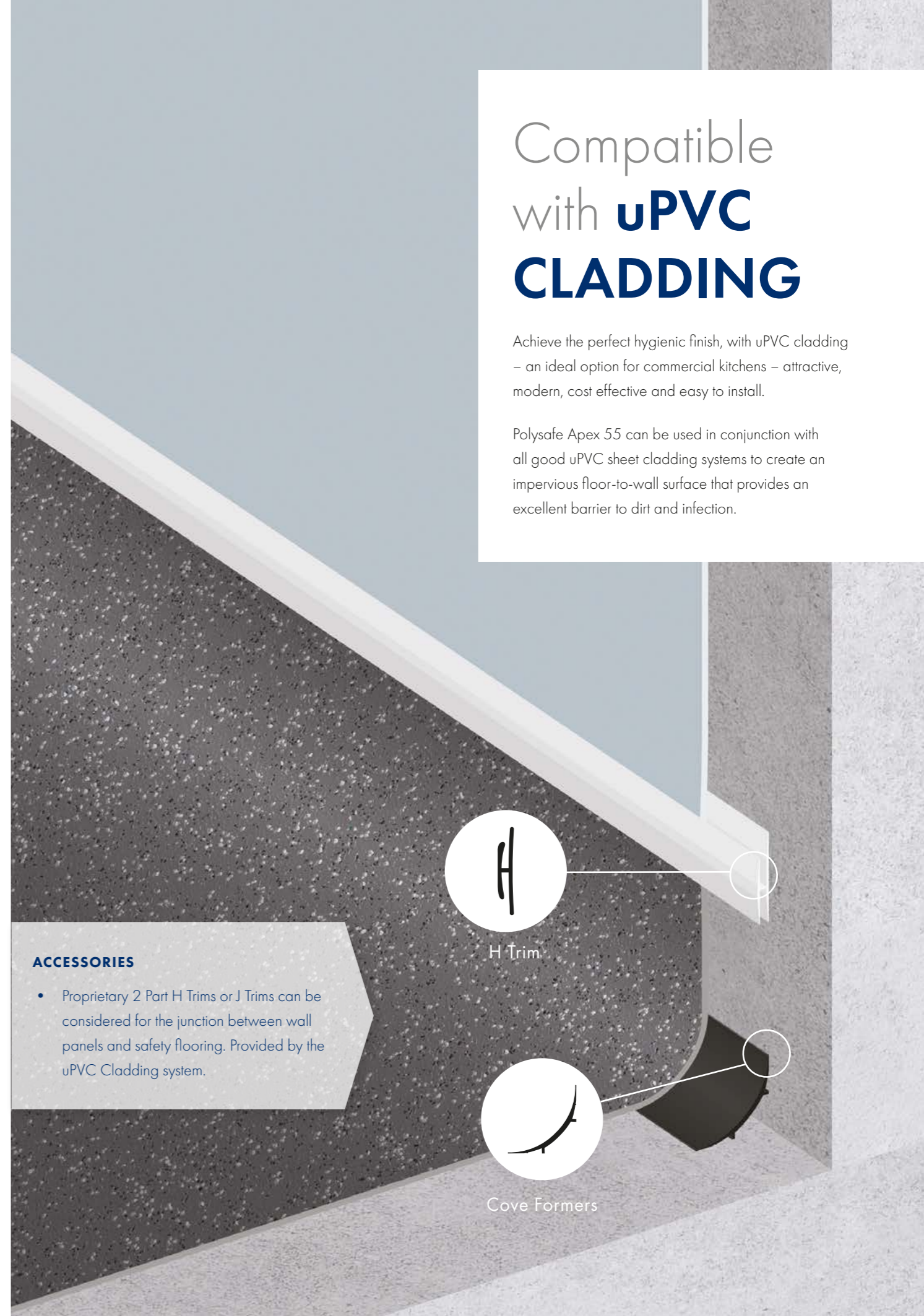
Drains that have been specifically designed for use with sheet vinyl flooring should be considered.



Compatible with **uPVC CLADDING**

Achieve the perfect hygienic finish, with uPVC cladding – an ideal option for commercial kitchens – attractive, modern, cost effective and easy to install.

Polysafe Apex 55 can be used in conjunction with all good uPVC sheet cladding systems to create an impervious floor-to-wall surface that provides an excellent barrier to dirt and infection.



H Trim



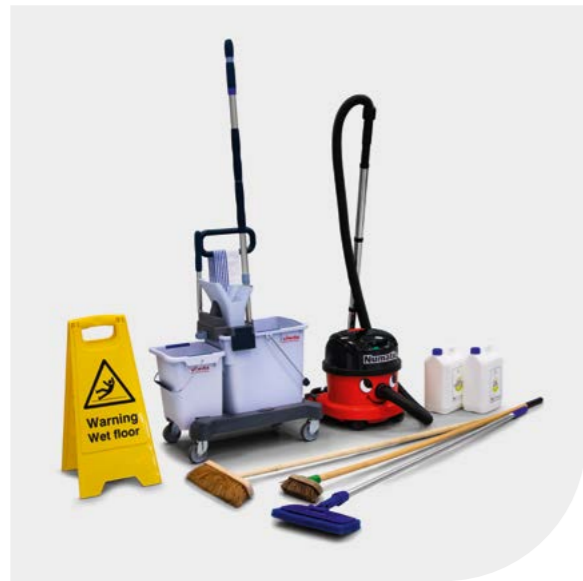
Cove Formers

ACCESSORIES

- Proprietary 2 Part H Trims or J Trims can be considered for the junction between wall panels and safety flooring. Provided by the uPVC Cladding system.

Designed to be **EASY TO CLEAN**

To ensure Polysafe Apex 55 is cleaned correctly begin by checking the right cleaning equipment is available then follow our recommended cleaning methods.



Manual Cleaning

Step 1

Sweep, mop sweep or dry vacuum the floor to remove dust, grit, and debris. (always remember to put out yellow cleaning warning signage).

Step 2

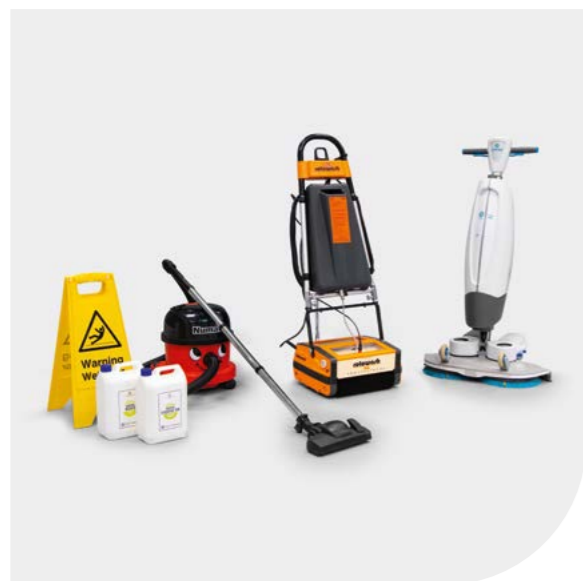
Apply a solution of alkaline cleanser, diluted to the manufacturer's instructions, to the floor and leave for sufficient time to react with the soiling.

Step 3

Clean thoroughly using either a **blue** or **green doodle bug pad** or a **deck scrubber brush**.

Step 4

Rinse the floor thoroughly with clean water and a white disposable microfibre mop head and double bucket system. (recommended product **Vileda Ultraspeed Professional Mopping Kit** or similar.)



Mechanical Cleaning

Step 1

Sweep, mop sweep or dry vacuum the floor to remove dust, grit, and debris. (always remember to put out yellow cleaning warning signage.)

Step 2

Apply a solution of alkaline cleanser, diluted to the manufacturer's instructions, to the floor and leave for sufficient time to react with the soiling.

Step 3

Clean floor using a mechanical brush machine (165-200rpm) – either an **iMop** or **Rotawash**.

Step 4

Remove all resultant surface residue and wet slurry by mechanical methods – scrubber dryer/Wet vacuum.

Note

- For small areas, where there is no suitable scrubbing machine available, a deck scrubber should be used in conjunction with a wet vacuum or mop & bucket system
- For very heavy soiling, dilution rates above the manufacturer's minimum recommendations may be necessary.

Top Tip Cleaning vs Disinfecting

Cleaning and disinfecting are two entirely separate processes. **Cleaning is the process of removing contamination** whereas **disinfection is a process in which microorganisms are killed** through use of:

- Chemicals
- Heat
- UV Rays

Clean before disinfecting, use neutral cleansers before disinfecting

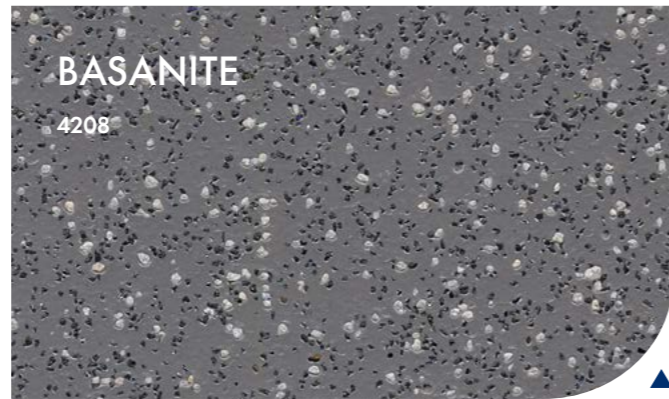


For full details of our cleaning and maintenance guides, please visit the technical page on our Polyflor website at www.polyflor.com or email our training academy for further information trainingacademy@polyflor.com

▲ These colours contain a white chipped quartz



w/r 4207 NCS S 4010-Y30R LRV 28



w/r 4208 NCS S 6005-R80B LRV 19



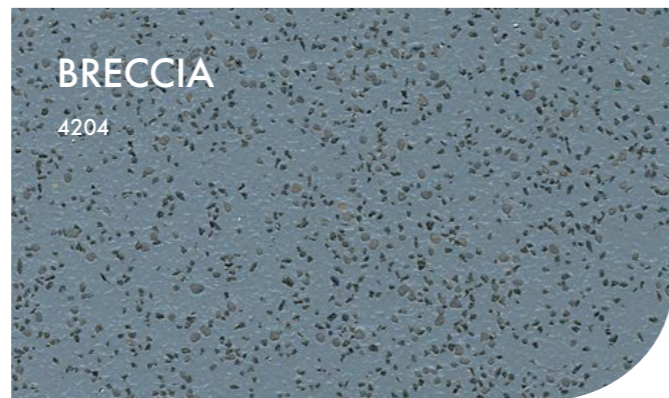
w/r 8640 NCS S 8000-N LRV 6



w/r 4760 NCS S 6500-N LRV 15



w/r 4350 NCS S 5005-G50Y LRV 24



w/r 4670 NCS S 5010-R90B LRV 18



w/r 4205 NCS S 5005-Y80R LRV 23



w/r 4206 NCS S 5030-Y80R LRV 13

TECHNICAL SPECIFICATION

	Gauge	ISO 24346 (EN 428)	3.0mm
	Sheet Size	ISO 24341 (EN 426)	2m x 15m = 30m ²
	Total Weight	ISO 23997 (EN 430)	3600g/m ²
	General Performance	EN 13845 ASTM F1303	Conforms Type 2, Grade 1, Class B Backing
	Use Area	ISO 10874 (EN 685)	
	Enhanced Slip Resistance	EN 13845 AS 4586 Appendix A AS 4586 Appendix D DIN 51130/DIN EN 16165 Ann. B RRL Pendulum Test ASTM D2047	ESf P5 R12 R12 ≥55 (wet test - 4S Rubber/Slider 96) SCOF ≥0.8
<p>The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines. For further clarification regarding slip resistance, consult Polyflor.</p>			
	Abrasion Resistance	EN 13845	50,000 cycles
	Reaction to Fire	EN 13501-1 ASTM E648 AS ISO 9239-1 CAN/ULC S102.2	Class Bfl-S1 Class 1 >8.0KW/m ² FSV < 300; SDV < 500
	Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
	Flexibility	ASTM F137	1.5" Pass
	Residual Indentation	ASTM F970	<0.005" (750psi)
	VOC Emissions	FloorScore Finnish M1 Classification	Certified Certified
	Resistance to Chemicals	ISO 26987 (EN 423) ASTM F925	Good chemical resistance Excellent
	Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 Meets
	Resistance to Light	ASTM F1515	ΔE ≤ 8.0 Meets

Environmentally Preferable Flooring - Polysafe Apex 55 achieves BRE Global A+ rating (Generic) in the Green Guide to Specification in use areas such as education and healthcare. Environmental Product Declaration (EPD) available on request. It is 100% recyclable and contains recycled material. Recyclable via the Recofloor scheme. Visit www.polyflor.com/sustainability.

Hygiene - All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

Polysafe safety flooring ranges have good resistance to dilute acids and alkalis, are compatible for use with the most commonly used alco-based hand gels and are suitable for steam cleaning on a periodic basis. Chemical resistance charts available on request. For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult Polyflor Customer Technical Services on +44 (0)161 767 1912, or email tech@polyflor.com.

As with all Polysafe products, Polysafe Apex 55 should not have a polish applied. The data presented is correct at the time of printing. For latest information, please visit our website polyflor.com. Decoration and shade may vary slightly from the samples shown.




For more information regarding our recommended safety flooring finishes or product testing please contact Customer Technical Services Department on +44 (0)161 767 1912 or email tech@polyflor.com. Alternatively please visit polyflor.com/safety

FREE SAMPLES


+44 (0)161 767 2551
polyflor.com/safety

PRODUCT TESTING


In areas where there is a higher potential for slips and trips, it is important to choose a HSE compliant flooring solution that offers sustainable slip resistance for the product's lifetime.



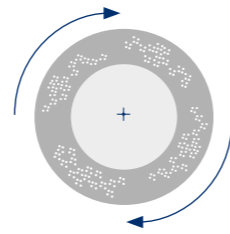
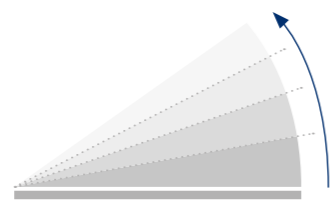
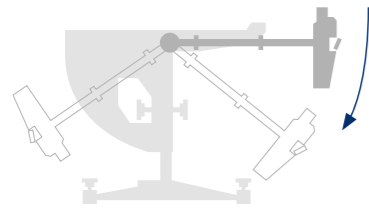
PENDULUM TEST




RAMP TEST




50,000 CYCLES TEST





55+
Sustainable Slip Resistance



P5
AS 4586

DIN 51130/DIN EN 16165 Ann.B

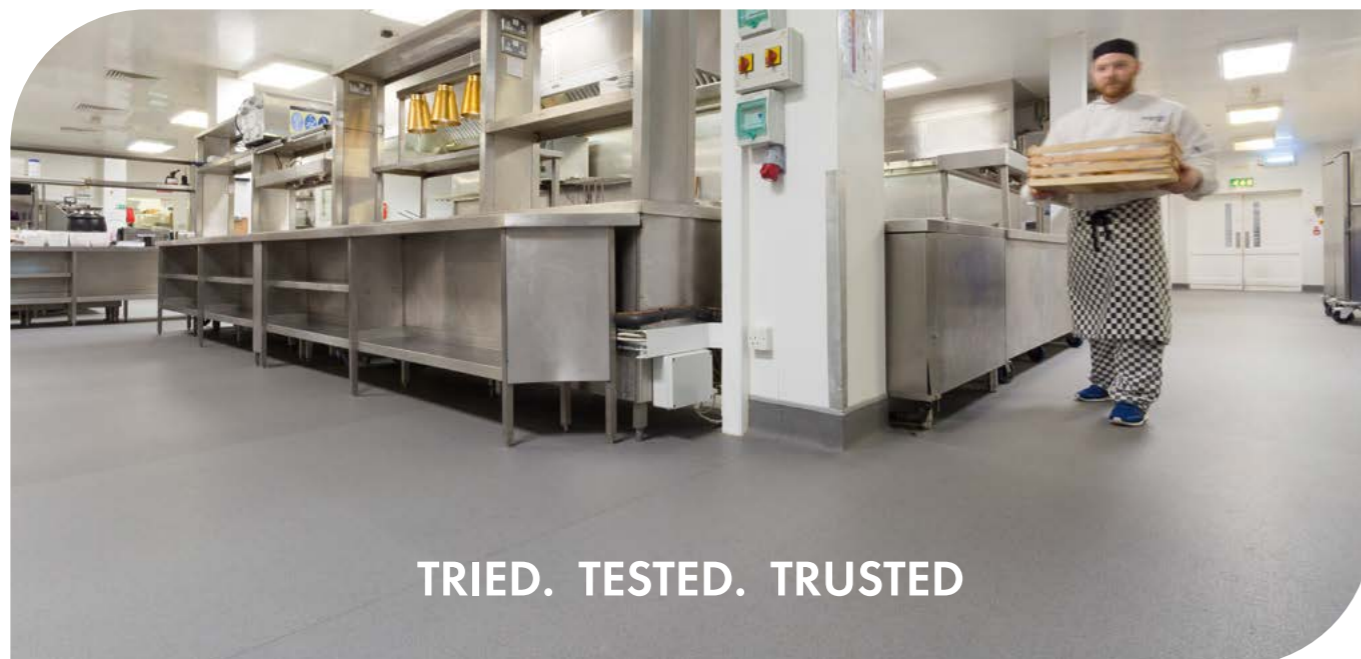


R12



EN 13845
The European safety flooring standard

Conformance to the 50,000 cycles abrasion test demonstrates that the performance particles within a safety floor are durable, offering longevity and sustainable performance for the guaranteed life of the product.



TRIED. TESTED. TRUSTED



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