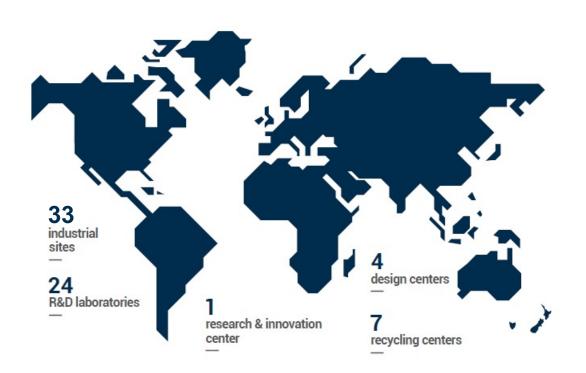


POLYSTYL is a brand belonging to TARKETT Group





€2.6bn Net sales (2020 figures)

12,000 employees

Sales in more than **100** countries

1.3m m² of flooring sold each day

Founded in **1883** in France





Tarkett, a worldwide leader in flooring & sports surfaces







CARPET



WOOD & LAMINATE



ACCESSORIES & RUBBER



SPORTS SURFACES



Tarkett is number 3 worldwide flooring player



With leadership positions in many product categories and regions:

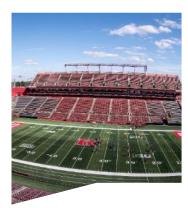




Vinyl
Western
& Eastern Europe



Accessories *North America*



Artificial turf
North America



Running tracks

North America



A large expertise in commercial & residential segments

















Tarkett Human Conscious Design

Our commitment to stand with present and future generations. To create surfaces that are good for the people and planet, every day. We deliver it through 3 key commitments.



Deep Human Understanding.

Working with
Healthcare or Aged
Care professionals
to better understand
their needs and the
needs of their
patients.



Conscious Choices. For people and planet.

Delivering safe solutions, with healthy raw materials. 100% phthalate free, with extra low VOC emissions for optimal indoor air quality.

7



With you. Every Step of the way.

Partnering with architects, designers, channel partners and contractors at all stages of planning, use & recycling. In particular, to participate in our Restart program.



Polystyl: long-established European products

Polystyl collections were manufactured in Jaslo, Poland since 1961 by Gamrat company





In 2014, Tarkett Group acquired Gamrat to expand its manufacturing capacities in Eastern Europe.

In 2019, all Polystyl collections have been moved to Tarkett Homogeneous factory in Ronneby Sweden.

Solid track record

Since their launch in 2015, Polystyl products have already been selected in several high-profile projects in South East Asia:

9

Healthcare:

- Seng Kang Hospital (Singapore) 60,000m²
- Fortis Hospital (India) 12,000m²
- Princess Siridhorn Healthcare (Thailand) 10,000m²
- Amrita Hospital (India) 6,000m²
- Rajiv Gandhi Cancer Hospital (India) 4,000m²
- RS Mayapada Kuningan (Indonesia) 2,000m²
- Tzu Chi Cengkareng Hospital (Indonesia)

Commercial/Industrial:

- JTC Corporation (Singapore) 18,000m²
- Decathlon store (Singapore) 3,000m²



Polystyl collections are produced in Ronneby, Sweden

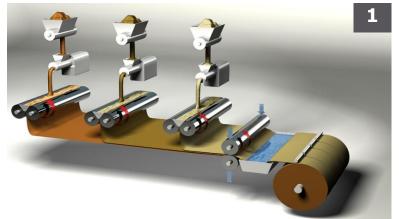
Tarkett Ronneby made the first homogeneous vinyl floor covering in 1947. In 1951 the first fully flexible homogeneous vinyl flooring was produced in roll format.

In 2019, the output is 22M sqm of HO/ year.

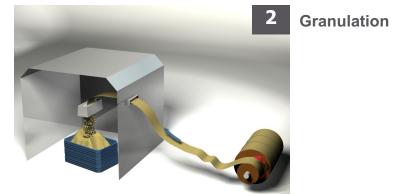




The manufacturing process of HO products in 3 steps



Blending of raw materials, extrusion, calendaring

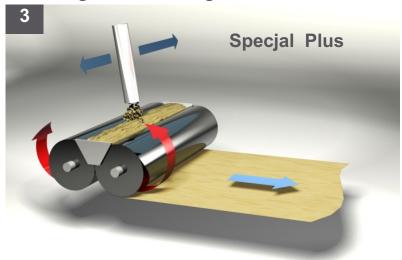




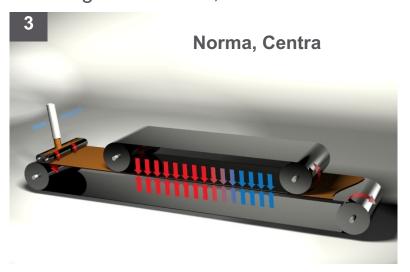


The manufacturing process of HO products in 3 steps

Pressing: Calendering, Directional



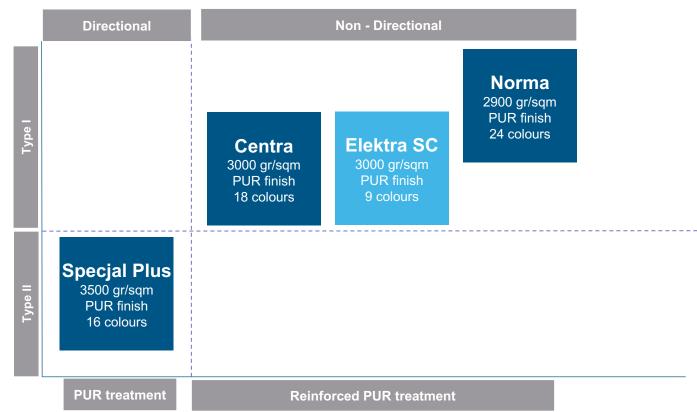
Pressing: Double belt, Non directional







Polystyl Range: 4homogeneous collections









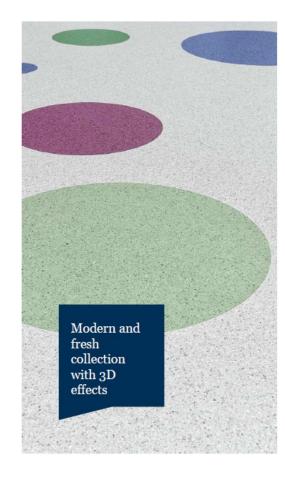
NORMA

Flexible pressed homogeneous floor

- Type I floor covering, available in sheets
- 3D non-directional pattern available in 24 colors
- PUR treatment for reinforced durability
- 100% phthalate free and VOC ≤ 10 μg/m³
- Low-cost & simplified maintenance

More info:

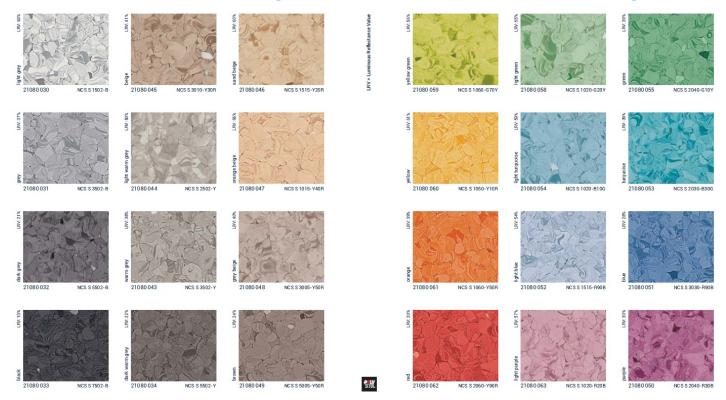
https://polystyl-asia.com/blog/





NORMA range

The new Norma collection with its design in 3D effect & accents offers 24 bright & modern colours

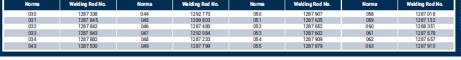




NORMA Technical Data



Norma							
TECHNICAL DATA		STANDARD		NORMA			
CLASSIFICATION	N. C. C.			News	100		
Classification		EN ISO 10581		Homogeneou	us vinyl flooring		
		EN ISO 10874		Commercial:	34 / Industrial: 43		>
Wear layer binder co	ontent	EN ISO 10581		Type I			_
TECHNICAL CHARACTER	ISTICS	- (A) (A) (A)					
Total thickness		EN ISO 24346		2.0 mm			7
Total weight		EN ISO 23997		2900 g/m²			
Wear layer thickness	S	EN ISO 24340		2.0 mm			
Surface treatment			M. Will Age and	PUR Reinforced			
Form of delivery		EN ISO 24341 Sheet (rolls)		Approx. 23 running metres x 200 cm Art. no. 21080 3 digit colour number			
PERFORMANCES FOR CE	MARKING REQUIREMENTS	(EN 14041)					
Declaration of Perfo	ormance	EN 14041		0019-0059-0	0oP-2018-05		
Reaction to fire		EN ISO 13501-1 EN ISO 9239-1		Bfi-s1			
		EN ISO 11925-2		≥ 8 kW/m² Pass			
Static electrical disc	charge	EN 1815		< 2,0 kV			
Thermal conductivit	ty	EN 12667		Approx. 0.01	m² K/W		
Slip resistance	- The second of	EN 13896		μ≥0,3			7
TECHNICAL PERFORMAN	IŒS						
Residual indentation	n	EN ISO 24343-1			ue: ≤ 0.10 mm ed value*: 0.03 mm		
Slip resistance		DIN 51130		R9			
Flexibility		ISO 24344		Pass			
Castor chair		ISO 4918		Suitable			
Light fastness		EN ISO 105-B02		≥ level 6			
Dimensional stabilit	ty	EN ISO 23999		≤ 0.40%			
Chemical resistance	e	EN ISO 26987		Good resistar			<u> </u>
Bacteria resistance		ISO 846 Part C		Does not favo			
Underfloor heating				Suitable - max. 27°C			
Seam strength		EN 684			e: ≥ 240 N/50mm lues: ≥ 180 N/50mm		
ENVIRONMENTAL PERFO	DRMANCES						
Total VOC emission	s	ISO 16000-9		≤ 10 µg/m³ (a	after 28 days)		
COLOURS				24			
According to the European Regu	tomodification for the benefit of furth ufation N° 305/2011 for CE Markin parding installation, cleaning	ng, the Declarations of Perform	ance are available on our websit		o ddress shown for these instru		AS TARIFF: 4820 5000 00
TOURS 100 % 25.5 % 25.5 % Republic	Grand Industry Office of 30 cons		a Charles	score	Ses Ses	XI)	101
Norma	Welding Rod No.	Norma	Welding Rod No.	Norma	Welding Rod No.	Norma	Welding Rod No.
030	1287 338	044	1292 770	050	1287 907	058	1287 018
031	1287 845 1287 842	045 046	1289 803 1287 480	051 052	1287 635 1287 652	059 060	1287 132 1288 351
033	1287 843	047	1292 084	053	1287 602	061	1287 578
034	1287 882 1287 530	048 049	1287 233 1287 799	054	1287 909 1287 879	062 063	1287 657 1287 91 0
	1201 000		1201133		120.00		1201 310









ELEKTRA

Durable Static Conductive Flooring

- Type I floor covering, available in sheets
- Non-directional, low contrasted pattern
- Available in 9 colors
- PUR reinforced treatment for enhanced wear resistance and easy cleaning
- Conductive properties thanks to the embedded carbon black particles and carbon backing
- Installation required standard flooring adhesive, conductive adhesive is required for tiles & copper strips

20

Suitable for sensitive environments requiring static-electric protection

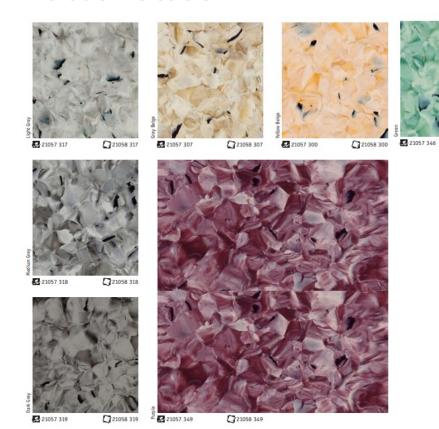
More info:

https://polystyl-asia.com/elektra/



ELEKTRA range

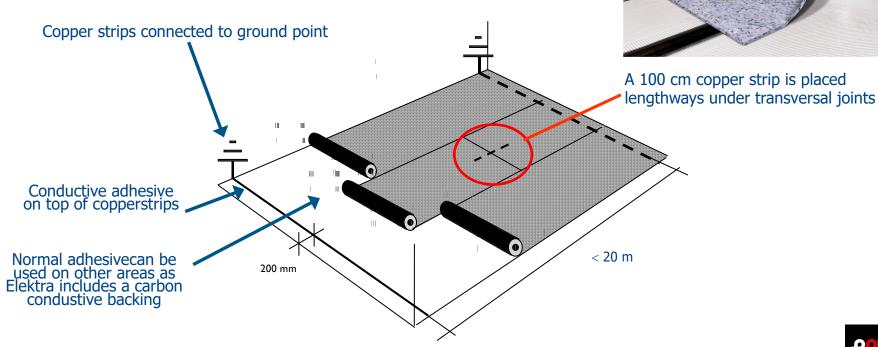
Available in 9 colors





21058 348

How to install ELEKTRA?





ELEKTRA

Technical Data

ELEKTRA 43 technical data

CERTIFICATION & CLASSIFICATION	STANDARDS	Elektra 43		
Type of floorcovering	150 10581	Static conductive pressed homogeneous vinyl flooring Type I.		
CE certification	EN 14041	Yes		
Classification	ISO 10874 - EN 685	Commercial: 34 - Industrial: 43		
ISO certification		Ronneby ISO 9001/Ronneby ISO 14001		
TECHNICAL CHARACTERISTICS	STANDARDS			
PUR Reinforced		Yes		
Total thickness	ISO 24346 - EN 428	2.0 mm		
Wear layer thickness	ISO 24340 - EN 429	2.0 mm		
Total weight g/m ²	ISO 23997 - EN 430	3000		
Form of delivery	ISO 24341 - EN 426 Sheet (rolls)	approx. 23 running metres x 200 cm art. no. 21057 1 dept winner member		
	ISO 24342 - EN 427 Tiles (box)	61 x 61 cm - 14 tiles/box = 5.21 m ² art. no. 21058 1 digit anion seather		
Reaction to fire	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	B _R ≤1 ≥ 8 kW/m ² Pass		
Residual Indentation	ISO 24343-1 - EN 433	Required value: 5 0.10 mm Best measured value: 0.03 mm		
Castor chair test	ISO 4918 - EN 425	Suitable		
Static electrical discharge	EN 1815	< 2 kV		
Electrical insulation	VDE 0100, Part 600	R _i ≤ 5x10 ⁴ Ohms		
Electrical resistance	EN 1081 EN/IEC 61340-4-1, 100 V	R ₁ 5x10 ⁴ ≤ R ≤ 10 ⁸ Ohms R 5x10 ⁴ ≤ R ≤ 10 ⁸ Ohms		
Total VOC emissions ISO 1600-6 Indoor air quality HoorScore		≤ 10 µg/m³ (after 28 days) Platinum Pending		
Underfloor heating		Suitable - max 27°C		
Thermal resistance	EN 12667	Approx. 0.01 m ² K/W		
Light fastness	EN ISO 105-802	≥ level 6		
Chemical resistance	150 26987	Good		
Bacteria resistance	ISO 846:Part C	Does not favour growth		
Stip resistance DIN 51130 EN 13896 BS 7976-2		R9 ≥ 0.3 Low risk of stip		
Seam strength	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm		
Colours		9		

The above information is subject to modification for the benefit of further improvement, (00/146).

CUSTOMS TARIFF: 482050000000F

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









Logistics Information







Surface treatment



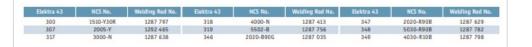


General Information













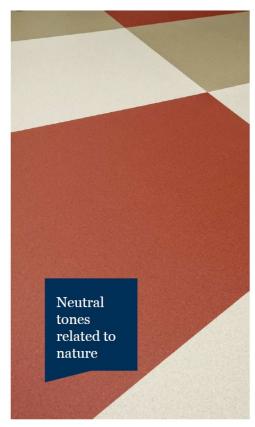
CENTRA

Flexible pressed homogeneous floor

- Type I floor covering, available in sheets
- Non-directional, low contrasted pattern
- Available in 18 colors
- PUR treatment for reinforced durability
- 100% phthalate free and VOC ≤ 10 µg/m³
- Low-cost & simplified maintenance

More info:

https://polystyl-asia.com/centra/





CENTRA range

The new Centra collection with its calm & light pattern includes 18 fresh and neutral colours



21086 783

NCS S 2060-Y80R

21086932

NCS S 4030-R80B



NCS S 1515-R90B

21086968

NCS S 6502-B

21086720

NCS S 5005-Y50R

21 086 785

NCS S 1020-Y40R

CENTRA

Technical Data



Centra

TECHNICAL DATA	STANDARD	CENTRA		
CLASSIFICATION		Commence of the Commence of th		
Classification	EN ISO 10581	Homogeneous vinyl flooring		
	EN ISO 10874	Commercial: 34 / Industrial: 43		
Wear layer binder content	EN ISO 10581	Type I		
TECHNICAL CHARACTERISTICS	4600000000			
Total thickness	EN ISO 24346	2.0 mm		
Total weight	EN ISO 23997	3000 g/m²		
Wear layer thickness	EN ISO 24340	2.0 mm		
Surface treatment		PUR Reinforced		
Form of delivery	EN ISO 24341 Sheet (rolls)	Approx. 23 running metres x 200 cm Art. no. 21086 3digit colour number		
PERFORMANCES FOR CE MARKING REQUIRE	EMENTS (EN 14041)			
Declaration of Performance	EN 14041	0019-0058-DoP-2018-05		
Reaction to fire	EN ISO 13501-1 EN ISO 9239-1 EN ISO 11925-2	Be-s1 s 8 kW/m² Pass		
Static electrical discharge	EN 1815	< 2,0 kV		
Thermal conductivity	EN 12667	Approx. 0.01 m² K/W		
Slip resistance	EN 13896	µ ≥ 0,3		
TECHNICAL PERFORMANCES	41137070			
Residual indentation EN ISO 24343-1		Required value: s 0.10 mm Best measured value*: 0.03 mm		
Slip resistance	DIN 51130	R9		
Flexibility	ISO 24344	Pass		
Castor chair	ISO 4918	Suitable		
Light fastness	EN ISO 105-B02	z level 6		
Dimensional stability	EN ISO 23999	s 0.40%		
Chemical resistance	EN ISO 26987	Good resistance		
Bacteria resistance	ISO 846 Part C	Does not favour growth		
Underfloor heating		Suitable - max. 27°C		
Seam strength EN 684		Average value: ≥ 240 N/50mm Individual values: ≥180 N/50mm		
ENVIRONMENTAL PERFORMANCES				
Total VOC emissions	ISO 16000-9	s 10 μg/m² (after 28 days)		
COLOURS				
		18		
According to the European Regulation N° 305/2011 for	nefit offurther improvement. (0.5/1.8). *For information - not bit or CE Making, the Declarations of Performance are available on ou , cleaning and mainternance should be observed. Plea			

















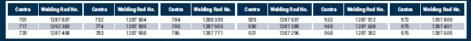


















Specjal PLUS

Flexible homogeneous floor

- Type II floor covering, available in sheets and tiles
- Directional, soft colours in harmony
- Available in 16 colors easy to mix and match!
- Protected with polyurethane PU
- Resistant to microorganisms
- Designed for rooms where people are present permanently in high-traffic public buildings and intensively used light-industry plants
- This collection will be discontinued in 2021

More info:

https://polystyl-asia.com/specjal-plus/

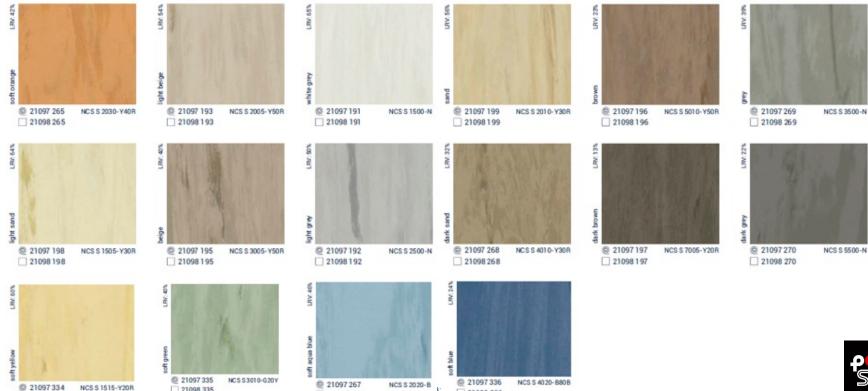


Specjal PLUS

21098 334

Available in 16 colors easy to mix and match!

21098 335



21098 267

21098 336



Specjal Plus

Technical Data

Specjal Plus

TECHNICAL DATA	STANDARD	SPECJAL PLUS	SPECJAL PLUS 1.5 MM					
CLASSIRCATION								
Classification	EN ISO 10581	Homogeneous single layered vinyl flooring	Homogeneous single layered vinyl flooring					
	EN ISO 10874	Commercial: 34 / Industrial: 43	Commercial: 32 / Industrial: 41					
CE certification	EN 14041	Yes	Yes					
We ar layer binder content	EN ISO 10581	Type II	Type II					
TECHNICAL CHARACTERISTICS	est of the second	A STATE OF THE STA	STATE OF THE STATE					
Total thickness	EN ISO 24346	2.0 mm	1.5 mm					
Total weight	EN ISO 23997	3300 g/m ²	2400 g/m ²					
We ar layer thickness	EN ISO 24340	2.0 mm	1.5 mm					
Surface treatment		PUR	PUR					
Form of delivery	EN ISO 24341 Sheet (rolls)	23 running metres x 200 cm Art. no. 21097 3 digit colour number	25 running metres x 200 cm Art. no. 21 102 3 digit colour number					
	EN ISO 24342 Tiles (box)	61 x 61 cm - 14 tiles/bax = 5.21 m² Art. no. 21098 3 digit colour number	-					
PERFORMANCES FOR CE MARKING REQUIREMENTS (EN 14941)								
Declaration of Performance	EN 14041	0019-0064-DoP-2019-05	0019-0064-DoP-2019-05					
Reaction to fire	EN ISO 13501-1 EN ISO 9239-1	Be-s1 ≥ 8 kW/m²	Be-s1 ≥8 kW/m²					
	EN ISO 11925-2	Pass	Pass					
Static electrical discharge	EN 1815	< 2.0 kV	< 2.0 kV					
Thermal resistance	EN 12667	Approx. 0.01 m ² K/W	Approx. 0.01 m ² K/W					
Slip resistance	EN 13893	μ≥ 0,3	µ ≥ 0,3					
TECHNICAL PERFORMANCES			75 300					
Residual indentation	EN ISO 24343-1	Required value: s 0.10 mm Best measured value*: 0.04 mm	Required value: s 0.10 mm Best measured value*: 0.04 mm					
Slip resistance	DIN 51130	R9	R9					
Castor chair	ISO 4918	Suitable	Suitable					
Light fastness	EN ISO 105-B02	≥ level 6	≥ level 6					
Dimensi on al stability	EN ISO 23999	s 0.40% for rolls s 0.25% for tiles	s 0.40% for rolls					
Flexibility	ISO 24344	Pass	Pass					
Chemical resistance	EN ISO 26987	Good resistance	Good resistance					
Bacteria resistance	ISO 846 Part C	Does not favour growth	Does not favour growth					
Underfloor heating		Suitable - max. 27°C	Suitable - max. 27°C					
Seam strength	EN 684	Average value: ≥ 240 N/50mm Individual values: ≥ 180 N/50mm	Average value: ≥ 240 N/50mm Individual values: ≥ 180 N/50mm					
ENVIRONMENTAL PERFORMANCES								
Total VOC emissions	ISO 16000-9	s 10 µg/m² (after 28 days)	s 10 µg/m² (after 28 days)					
COLOURS	200 C 8002	SECTION SECTION SECTION						
	·	16	16					
The above information is subject to modification for the	benefit offurther improvement. (06/19).		*For information - notb inding.					

According to the European Regulation N° 305/2011 for CE Malking, the Declarations of Performance are available on our website www.tarket.com

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









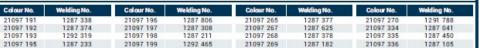
















Main features of Polystyl range



Mix & match the 67 colours together!

4 remarkable collections



Brand new designs & colours!

4 patterns to choose from, for **unique combination options and a complete aesthetic.** Play with highly contrasted patterns for the most demanding areas and patterns with less contrast and few accents for quieter ones.



Available in rolls and tiles, you can play with multiple shapes and formats.



34

Minimize risks with static-conductive flooring solutions

Static electricity can cause shocks and damage sensitive equipment in clean rooms, presenting a hazard to patients and staff.

Static dissipative flooring solutions like ELEKTRA prevent discharge to and from human contact. It complies with international standard.



Resistance, hygiene and effortless maintenance

Centra, Norma & Elektra collection benefits from a PUR Reinforcement that seals and hardens the surface to make it more resistant to dirt and daily wear and tear, as well as simplifying cleaning and maintenance.



PUR treatment reinforces durability

and makes the surface more resistant to heavy traffic and easier to clean.



No additional surface treatment needed. Premium benefits from PUR reinforcement which simplifies cleaning and maintenance.



Traffic resistance

Polystyl collections are specifically designed for heavy traffic zones where hygiene and resistance are critical such as schools, hospitals and public buildings.

Impenetrable heat welding joints. Impervious surface for maximum hygiene.

Polystyl collections offer highly flexible flooring solutions for perfect coving results, ensuring an easy and improved maintenance.

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



Simpler, quicker installation means lower costs

COVING

- Superior flexibility of the flooring
- Easy to cove up walls
- Perfect watertightness

HYGIENE

- Less joints 23m rolls
- Hot welding= Hermetically sealed surface
- Prevent growth of molds and fungi





Indoor air can be 5 times more polluted than outdoor air ¹

European standards require to have flooring emitting VOC less than 1000 µg/m³ at 28 days. Polystyl collections have emissions 100 times below this level.

Phthalates are mainly used as plasticizers (substances added to plastics to increase their flexibility, transparency, durability &longevity). They have an impact on human health e.g. Asthma development. Polystyl collections are 100% phthalates-free.

Compared to Vinyl, Epoxy have high VOC emissions & with poor indoor air quality during installation and drying time.







Characteristics	Polystyl collections	Forbo Sphera	Gerflor Biostyl, Symbioz	Gerflor Action, Esprit, Elegance, Mipolan Affinity	Polyflor Palettone	Polyflor Prestige, Pearlazzo	Armstrong Medintone	DLW Favorite & Royal
TVOC < 10 µg/m³	✓	✓	✓	✓	✓			
Phthalate free	✓	✓	✓					

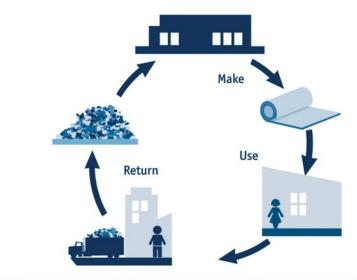


Source: Environmental Protection Agency

Use of recycled content

Our factory in Ronneby follows the circular economy model:

- Sweden's first and largest center for vinyl recycling
- No waste go to landfill
- Our Polystyl collections contains a minimum of 25.5% of recycled content
- Good for the climate: 1 kg recycled plastics = 2 kg CO2 savings



TECHNICAL CYCLE DESIGNED TO CIRCULATE WITHIN THE TECHNOSPHERE



Why selecting Polystyl collections? The main USPs!

- Manufactured with the highest quality in Sweden
- 10 year professional warranty
- Meets the most stringent European standards
- Benefits from the most advanced innovations:
 - People-friendly products through exclusive phthalate-free technology and nearly undetectable VOC emissions
 - Centra, Norma & Elektra collections with reinforced polyurethane coating for extreme resistance (no wax no polish)
- Offers a broad range of designs, colors, and formats (available in rolls and tiles)
- Full solution with static-conductive flooring and matching welding rods





Project References



Eul-Ji Hospital – Korea – Centra 102,000 sqm







Tzu Chi Cengkareng Hospital – Indonesia – Centra











Mayapada Kuningan Hospital - Indonesia - Centra 1,840 sqm









Elementary school Sitnianska – Slovakia – Norma 800 sqm





Primary School Poprad – Slovakia – Norma 500 sqm



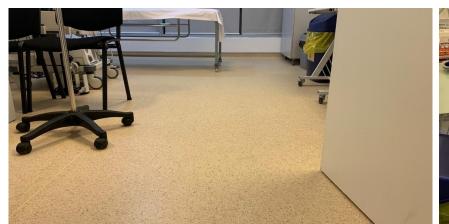


Laboratory – Elektra





Other projects without authorizations - Healthcare















Other projects without authorizations - Education



















Other references without pictures

Healthcare:

- Seng Kang Hospital (Singapore) 60,000m²
- Fortis Hospital (India) 12,000m²
- Princess Siridhorn Healthcare (Thailand) 10,000m²
- Amrita Hospital (India) 6,000m²
- Rajiv Gandhi Cancer Hospital (India) 4,000m²

Commercial/Industrial:

- JTC Corporation (Singapore) 18,000m²
- Decathlon store (Singapore) 3,000m²



Thank you!

More info: http://polystyl-asia.com/