

# Polystyl Collections

HOMOGENEOUS VINYL

The Full  
Range of  
Homogeneous  
Solutions







# Polystyl Collections

## INTRODUCTION


Polystyl Range is a comprehensive range of 5 collections that can match any commercial project expectations. It includes both Type I and Type II depending on the traffic resistance required, both Directional and non-directional designs depending on the design preference, made in Europe or China, both in Tarkett factories following Tarkett Quality Standards.




**5 constructions**  
**49 designs**




**Made in Europe**




**Easy to Clean**





**Matching Welding rods**



**Static Conductive Properties**



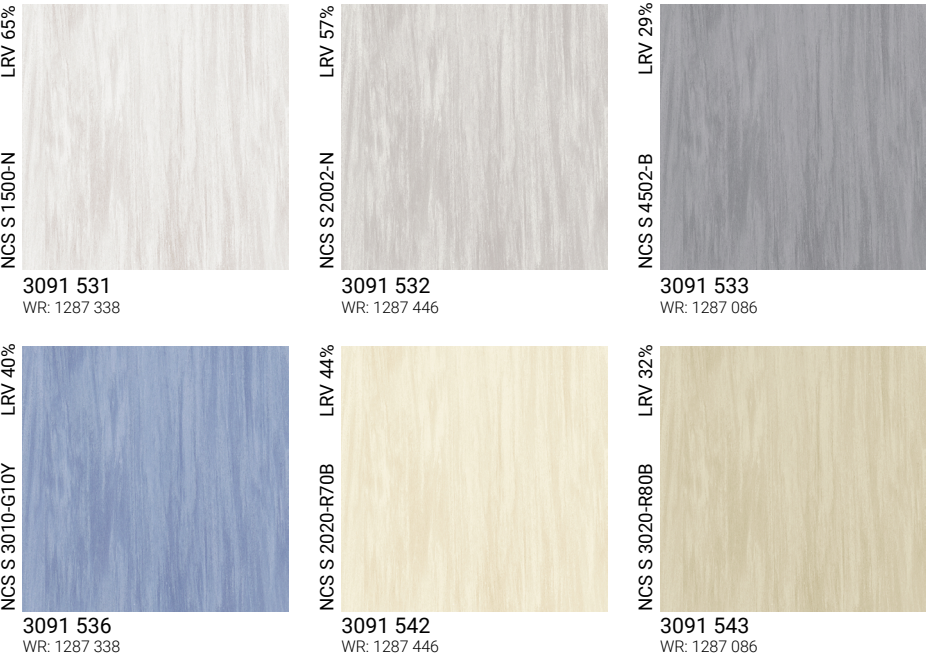
**Lowest VOC Emissions  
Phthalate & Biocide Free**

	Directional	Non-Directional	
TYPE I		<div>Primo Plus 2900 gr/sqm PUR finish 8 colours</div>	<div>Elektra 43 3000 gr/sqm PUR finish 5 colours with MOQ</div> <div>Norma 2790 gr/sqm PUR finish 14 colours MOQ 1 roll</div>
TYPE II	<div>Vylon Plus PUR 3400 gr/sqm PUR finish 6 colours</div> <div>Special PUR 3200 gr/sqm PUR finish 16 colours MOQ 1500</div>		
	PUR treatment	Reinforced PUR treatment	
			



# Vylon Plus PUR

## COLLECTION



# Vylon Plus PUR

## Technical Data

Classification	Standards	Vylon Plus PUR
Classification	EN ISO 1058 EN ISO 10874	Homogeneous Vinyl Flooring Commercial: 34 Industrial: 43
Wear Layer binder content	EN ISO 10581	Type II

Technical characteristics		
Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Total weight	EN ISO 23997	3400 gr/sqm
Surface treatment (PUR)	-	PUR
Form of delivery	EN ISO 24341 Sheet (rolls)	Approx. 20 running meters x 200 cm Art. No. 3091 _ _ _ 3 digit colour number

Technical performance		
Reaction to fire	EN 13501-1	Bfl-s1
Marine Equipment	IMP FTPS Part 5 and 2	Certified
Residual indentation	EN ISO 24343-1	Required value: ≤ 0.10 mm Best measured value*: 0.04 mm
Slip resistance	DIN 51130	R9
Castor Chair	ISO 4918	Suitable
Chemical resistance	EN ISO 2698	Good resistance
Bacteria resistance	ISO 846 Part C	Does not favour growth
Total VOC emissions	ISO 16000-9	≤ 10 µg/m3 (after 28 days)
Colours	-	6

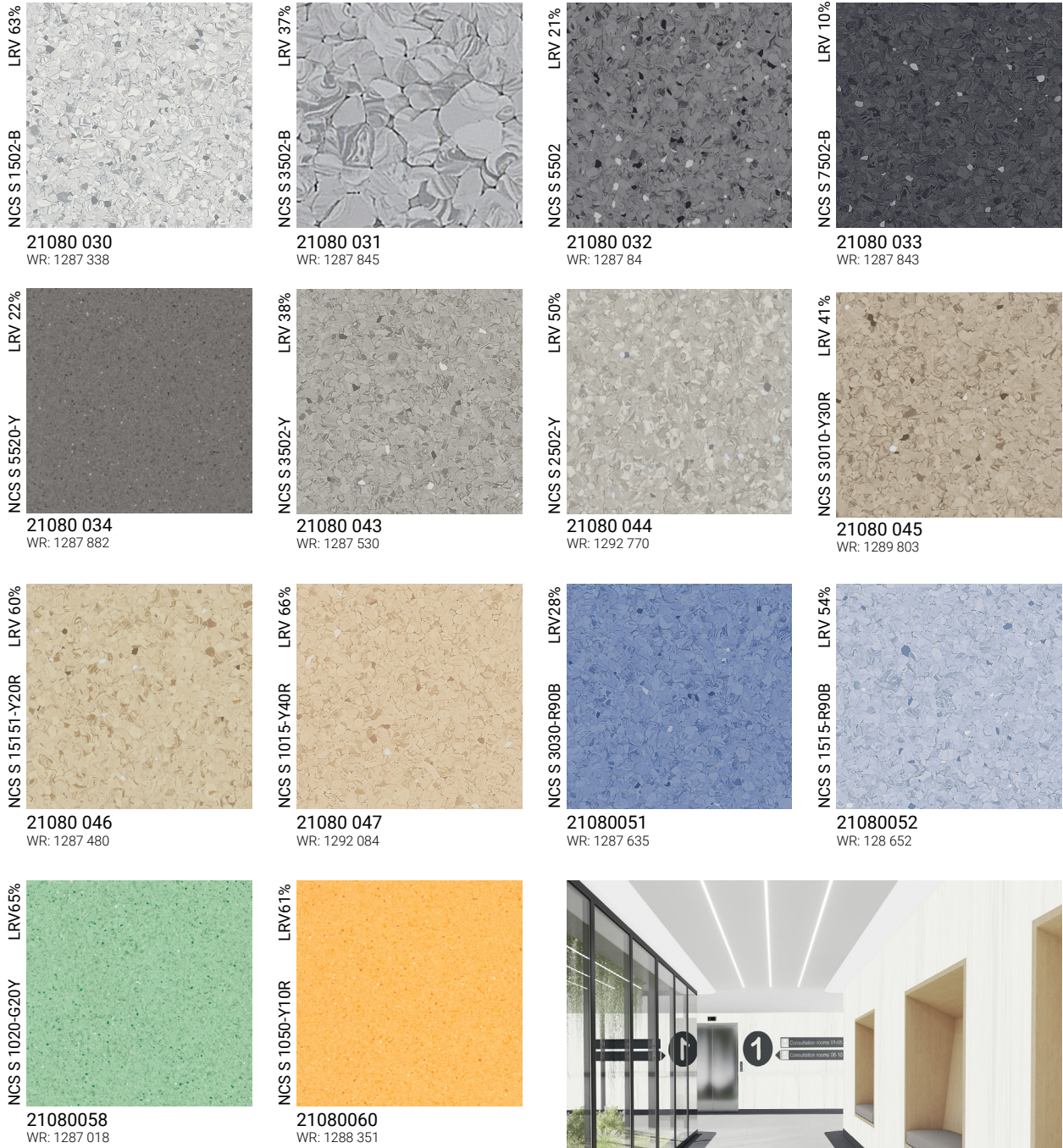
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For the latest information, please visit our website: [www.Tarkett-asia.com](http://www.Tarkett-asia.com)  
Tarkett's instructions regarding installation, cleaning and maintenance should be observed.





# Norma

## COLLECTION



Norma 21080 031 / 21080 033

# Norma

## Technical Data

Classification	Standards	Norma
Classification	EN ISO 10581 EN ISO 10874	Homogeneous Vinyl Flooring Commercial: 34 Industrial: 43
Wear Layer binder content	EN ISO 10581	Type I

**Technical characteristics**

Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Total weight	EN ISO 23997	2790 g/m <sup>2</sup>
Surface treatment (PUR)	-	PUR Reinforced
Form of delivery	EN ISO 24341 Sheet (rolls)	Approx. 23 running meters x 200 cm Art.No. 21080_ _ _ 3 digit colour number

**Technical performance**

Reaction to fire	EN 13501-1	Bfl-s1
Residual indentation	EN ISO 24343-1	Required value: ≤ 0.10 mm Best measured value*: 0.03 mm
Slip resistance	DIN 51130	R9
Castor Chair	ISO 4918	Suitable
Chemical resistance	EN ISO 26987	Good resistance
Bacteria resistance	ISO 846 Part C	Does not favour growth
Static Electrical Discharge	EN 1815	< 2 kV
Thermal Conductivity	EN 12667	Approx. 0.01 m <sup>2</sup> K/W
Flexibility	ISO 24344	Pass
Light Fastness	EN ISO 105-B02	≥ level 6
Dimensional Stability	EN ISO 23999	≤ 0.40%
Seam Strength	EN 684	Average value ≥ 240 N/50 mm ; Individual Values ≥ 180 N/50 mm
Underfloor Heating	-	Suitable max 27°C
Total VOC emissions	ISO 16000-9	≤ 10 µg/m3 (after 28 days)
Colours	-	14

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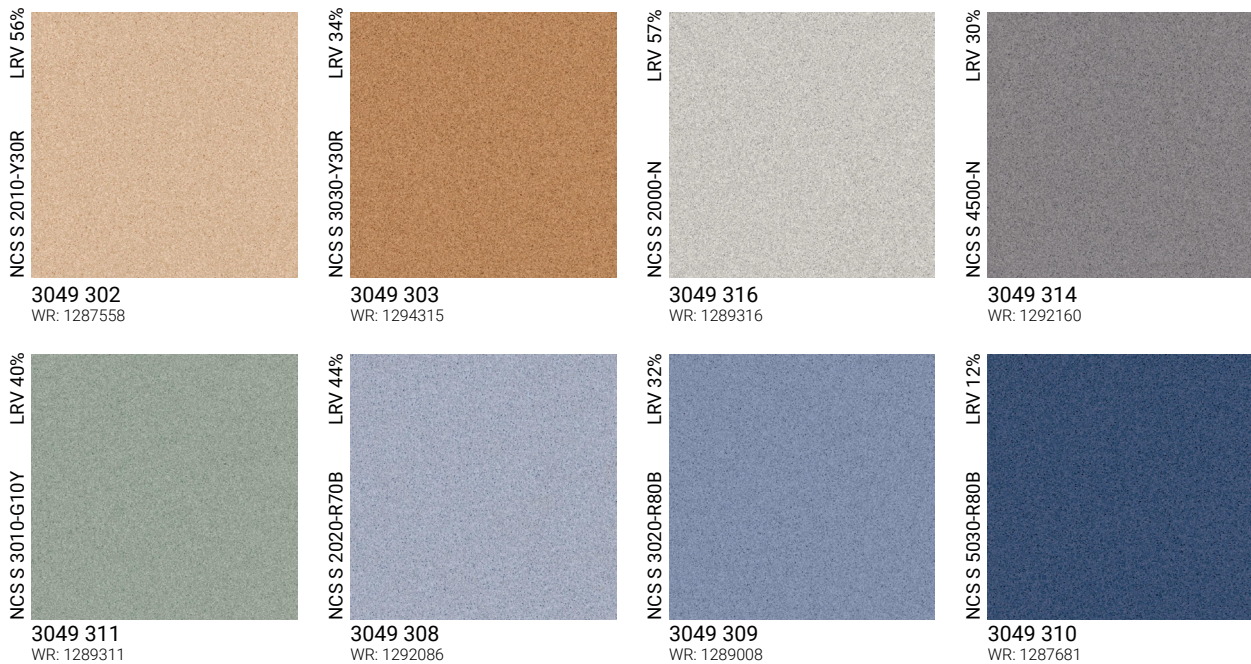
Tarkett's instructions regarding installation, cleaning and maintenance should be observed.





# Primo Plus

## COLLECTION



# Primo Plus

## Technical Data

Classification	Standards	Primo Plus
Classification	EN ISO 10581 EN ISO 10874	Homogeneous Vinyl Flooring Commercial: 34 Industrial: 43
Wear Layer binder content	EN ISO 10581	Type I

Technical characteristics		
Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Total weight	EN ISO 23997	2900 gr/sqm
Surface treatment (PUR)	-	PUR Reinforced
Form of delivery	EN ISO 24341 Sheet (rolls)	Approx. 23 running meters x 200 cm Art.No. 3049 _ _ _ 3 digit colour number

Technical performance		
Reaction to fire	EN 13501-1	Bfl-s1
Residual indentation	EN ISO 24343-1	Required value: ≤ 0.10 mm Best measured value*: 0.03 mm
Slip resistance	DIN 51130	R9
Castor Chair	ISO 4918	Suitable
Chemical resistance	EN ISO 26987	Good resistance
Bacteria resistance	ISO 846 Part C	Does not favour growth
Total VOC emissions	ISO 16000-9	≤ 10 µg/m3 (after 28 days)
Colours	-	8

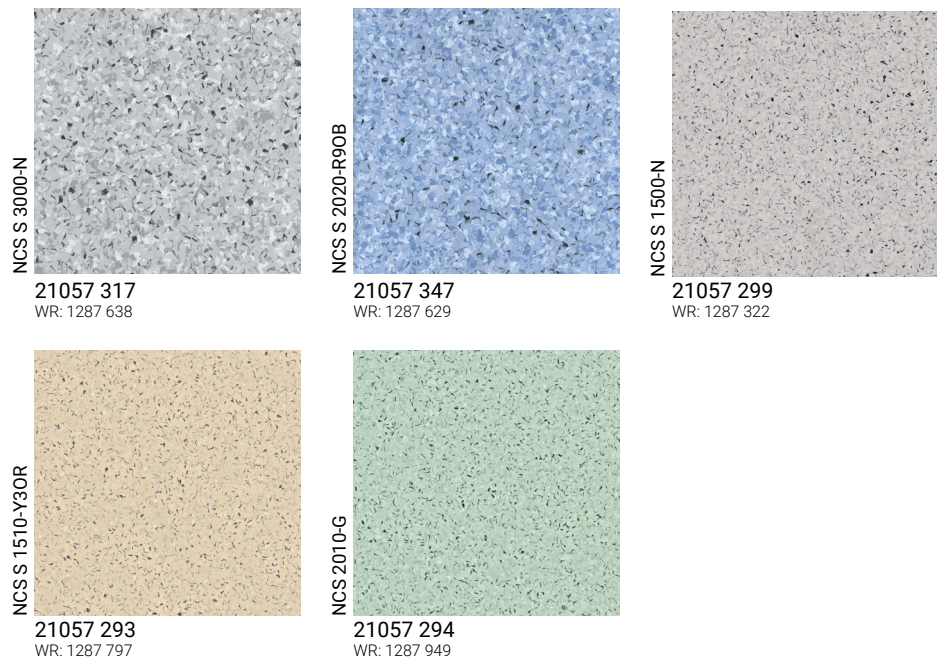
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# Elektra 43

## COLLECTION



# Elektra 43

## Technical Data

Classification	Standards	Elektra 43
Classification	EN ISO 10581 EN ISO 10874	Static Conductive Pressed Homogeneous Vinyl Flooring Commercial: 34 Industrial: 43
Wear Layer binder content	EN ISO 10581	Type I

Technical characteristics		
Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Total weight	EN ISO 23997	3000 g/m²
Surface treatment (PUR)	-	PUR Reinforced
Form of delivery	EN ISO 24341 Sheet (rolls)	Approx. 23 running meters x 200 cm Art.No. 21057 _ _ _ 3 digit colour number

Technical performance		
Reaction to fire	EN 13501-1	Bfl-s1
Residual indentation	EN ISO 24343-1	Required value: ≤ 0.10 mm Best measured value*: 0.03 mm
Slip resistance	DIN 51130	R9
Static Electrical Discharge	EN 1815	< 2 kV
Electrical Insulation	VDE 0100, Part 600	Ri ≤ 5x104 Ohms
Electrical Resistance	EN 1081	R1 5x104 ≤ R ≤ 5x106 Ohms
Thermal Resistance	EN 12667	Approx. 0.01 m² K/W
Castor Chair	ISO 4918	Suitable
Chemical resistance	EN ISO 26987	Good resistance
Bacteria resistance	ISO 846 Part C	Does not favour growth
Seam Strength	EN 684	Average value ≥ 240 N/50 mm ; Individual Values ≥ 180 N/50 mm
Underfloor Heating	-	Suitable max 27°C
Total VOC emissions	ISO 16000-9	≤ 10 µg/m3 (after 28 days)
Colours	-	5

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# Special PUR

## COLLECTION

			
306001 514 WR: 306019 014	306001 507 WR: 306019 007	306001 516 WR: 306019 016	306001 517 WR: 306019 017
			
306001 501 WR: 306019 001	306001 515 WR: 306019 015	306001 505 WR: 306019 005	306001 506 WR: 306019 006
			
306001 502 WR: 306019 002	306001 503 WR: 306019 003	306001 504 WR: 306019 004	306001 511 WR: 306019 011
			
306001 518 WR: 306019 018	306001 508 306001 508	306001 509 WR: 306019 009	306001 512 WR: 306019 012

# Special PUR

## Technical Data

Classification	Standards	Special PUR
Classification	EN ISO 1058	Homogeneous Vinyl Flooring
	EN ISO 10874	Commercial: 34 Industrial: 43
Wear Layer binder content	EN ISO 10581	Type II

Technical characteristics		
Total thickness	EN ISO 24346	2.0 mm
Wear layer thickness	EN ISO 24340	2.0 mm
Total weight	EN ISO 23997	3200 gr/sqm
Surface treatment (PUR)	-	PUR
Form of delivery	EN ISO 24341 Sheet (rolls)	Approx. 23 running meters x 200 cm Art.No. 306001 _ _ _ 3 digit colour number

Technical performance		
Reaction to fire	EN 13501-1	Bfl-s1
Residual indentation	EN ISO 24343-1	Required value: ≤ 0.10 mm Best measured value*: 0.04 mm
Slip resistance	DIN 51130	R9
Castor Chair	ISO 4918	No damage
Chemical resistance	EN ISO 2698	Good resistance
Bacteria resistance	ISO 846 Part C	Does not favour growth
Total VOC emissions	ISO 16000-9	≤ 10 µg/m3 (after 28 days)
Colours	-	16

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# Installation Instructions

## GENERAL GUIDELINES- part 1

### CONDITIONS AND REQUIREMENTS

- The subfloor must be clean, dry and free from cracks. Dust and contaminants that could prevent adhesion, such as patches of paint, oil, etc., must be removed. Note that asphalt, oil spillage, impregnation agents, pen marks, etc., can cause discoloration. Damp proofing to be carried out according to local building standards. Where required an effective damp proof membrane must be incorporated in the subfloor. Check for dampness in ground supported floors, floors above boiler rooms, floors with underfloor heating or containing high temperature pipework etc.
- **When installing this product on concrete subfloors that do not include damp-proofing, the moisture content measured in terms of relative humidity must not be higher than 85%. Or less than 2% with CM (Carbide Method).**
- Where pipes are laid in the floor, they should be arranged so that the flooring material is not continuously subjected to a temperature above 27°C, otherwise there may be discoloration and/or other alterations of the material.
- Extra special care must be taken regarding installations on surfaces where significant temperature changes can be expected, for example, floors exposed to strong sunlight, as adhesion strength and subfloor treatment may be heavily stressed.
- Floorboards and similar substrates should have a moisture content of max 8% (equivalent to 40% RH at +20°C), so that any subsequent movements cannot cause damage.

### PREPARATION

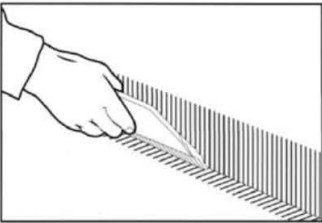
- Dust and loose particles must be thoroughly removed.
- Highly absorbent or variably absorbent substrates should be sealed with suitable primer. The primed surface must be completely dry before laying commences.
- When applying smoothing compounds, use compounds that meet the minimum requirements in the building standards.
- NOTE: Discoloration can occur when using two-parts polyester compounds if they are mixed incorrectly and/or insufficiently. Do not mix directly on the substrate.
- Use only a lead pencil for marking. Note that any marks made with felt-tipped pens, permanent and non permanent ink markers, ball point pens etc. can cause discoloration due to migration.
- If material from several rolls is used, they should have the same manufacturing serial numbers and be used in consecutive order.
- Prior to laying, allow the material, adhesive and subfloor to reach room temperature, i.e. a temperature of at least 18°C. The relative air humidity should be 30- 60%. Rolls must be stored indoors.
- The rolls should be stored upright. Any faults in the material must be reported immediately to your nearest

### INSTALLATIONAL GENERAL

- Installation should be carried out at room temperature between 18°C to 26 ° C. Subfloor temperature must be at least 15 ° C. The relative air humidity in the premises should be 30-60%. Maintain same temperature and humidity for at least 72 hours after installation.
- Cut the sheets to length and, if possible, lay them out to acclimatize prior to laying. This is particularly important for longer lengths.
- The sheets are fully adhered with an adhesive approved for Polystyl's homogeneous vinyl sheet. **See the adhesive manufacturer's instruction regarding coverage, open time etc.** The assembly time depends on the type of substrate, its absorbency, the temperature and air humidity in the premises.

- **Sheets must be installed so that colour differences are avoided. Reverse sheets whenever possible.**
- Rub the face surface down thoroughly to ensure that the floor covering makes good contact with the adhesive and that all air is expelled. Make sure that the tool used for rubbing down the floor covering does not scratch the surface. A broom is not suitable for this purpose. Use a floor roller (approx. 65 kg) and roll crosswise over the floor.

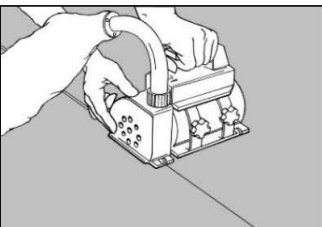
### COVING AND FITTING



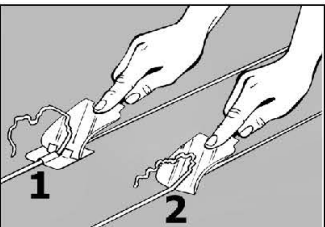
Using a straight edge and pencil, mark at a height of about 10 cm all walls where the flooring will be coved. If wall covering is to be installed, then it should overlap the wall base by at least 3 cm. For the best result, the thickness of the wall base is levelled out before installation of the wall covering so that a smooth juncture is obtained, use a water-resistant levelling compound. Apply the adhesive on the walls up to the marked line, using a fine notched trowel. Spread some of the adhesive out onto the floor. While the adhesive becomes tacky, the sheets are cut. The sheets should be cut longer than the room length to allow sufficient material for coving.



**When a sheet fits the width of the room:** mark a cross on the bottom of the material and the subfloor to indicate the center. The cross marks are to coincide at installation. the adhesive can be applied over the entire surface area before installing the sheet. **When the width of the room exceeds the sheet width:** mark a line on the floor parallel to the longitudinal wall at a distance equivalent to 12 cm less than the sheet width. Mark the room's center on this line. On the bottom of each sheet, mark their center. The cross marks on the subfloor and sheets shall coincide at installation. Fold back and loosen the sheets covering half of the floor area. Apply the adhesive on the subfloor with a fine-notched trowel.



The joints are chamfered or grooved to about 3/4 of the thickness using a hand grooving tool or machine prior to welding. The sheets are heat welded. Do not weld until the adhesive has bonded completely. Carry out a test welding on a left-over piece before commencing work, to adjust speed and temperature



**CAUTION:** Welded seams must cool to room temperature before trimming. Start trimming where you began welding. All trimming of welding thread is recommended in two steps: rough and fine trimming.

Inspect the installation: the newly laid flooring is free from adhesive residues and that the bond is consistent with no bubbles.



# Installation Instructions

## GENERAL GUIDELINES- part 2

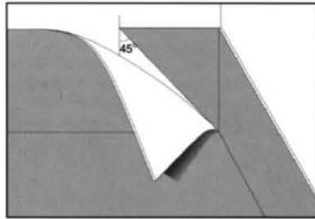
### AFTER INSTALLATION

Always protect the floor with thick paper, hard board or similar during the construction period. If using tape, this must not be applied directly to the floor surface. IMPORTANT! Restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads or furniture placement for 72 hours after installation. Most suppliers of floor adhesives specify 72 hours before the final strength is achieved.

### EXCLUSION OF LIABILITY

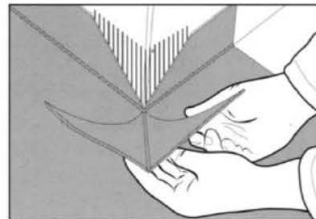
Although Polystyl may list a selection of adhesive, levelling compound and surface damp-proof membrane manufacturers and types, we do not guarantee the products listed. The list of products and manufacturers is not guaranteed complete or current. Polystyl will accept no liability for any of these products failing to perform in conjunction with any of its products.

### FITTING CORNERS



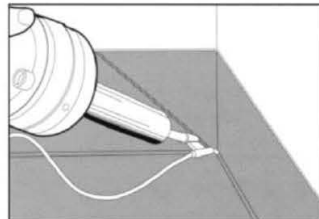
#### When fitting in corner :

When fitting in-corner: Use a Hockey Stick or Corner Rollerto press the material firmly into the juncture between the floor and wall. make a cut in the excess material starting about 5 mm above the floor in the corner. Heat the area between the sheet and the wall before folding. This provides better contact between the sheet and adhesive. Press the material firmly into the corner with a Corner Roller or Hockey Stick. The corner seam shall be placed on one of the walls at a 45-degree angle.



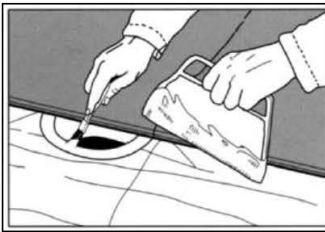
#### When fitting an out-corner :

the sheet is folded against the corner and cut about 5 mm from the floor. A diagonal (45-degree) cut is made as shown. To glue the triangle-shaped piece, cut a groove (max 1mm deep) on the back of the triangle with Corner Knife. The triangle can now be folded and placed on the corner. It will overlap the coved floor. Cut through the overlapping material to make a tight fit.

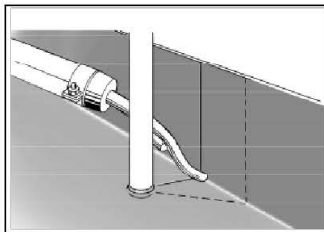


**N.B.** Prior to sealing in the corner, make sure that the PUR reinforcement is completely removed from the surface. The joints are chamfered or grooved to about 3/4 of the thickness using a hand grooving tool or machine prior to welding. Use a hot-air gun for welding with thread at in-corners and out-corners.

### FITTING AROUND PIPES AND FLOOR DRAINS

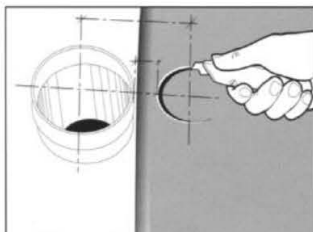


Use a soft brush around drains and hard-to-reach areas. Around and inside drains, please refer to drain manufacturers recommendation. Within 0.5m radius from floor drains, seams are not recommended. Around pipes by walls, cut the sheet and press it against the pipe to form a collar.

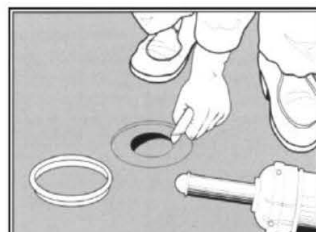


In tight or cramped areas between pipes and walls, cut as shown by the dotted line. If a cover is required, do the following:.

- 1) If you make a cover out of floor material, fit it against the pipe with adhesive. Weld the seams together.
- 2) Prefabricated covers are applied according to the manufacturer's instructions. Seam sealer or sealing compound approved for this purpose, can be used for an extra tight fit around pipes.



Around drainpipes, fold the sheet against the pipe and mark a line on the material where the center of the pipe is. Cut a hole about 25 mm smaller than the diameter of the pipe. As shown, cut the hole at the start of the fold. Heat the sheet vinyl and press it over the pipe. trim off excess material with a hook knife so that the break in the pipe wall is cleared.



Around flush drain openings, heat the sheet and mark the location of the drain using a clamp ring. Then cut a small hole in the center of the drain within the mark. Heat the flooring and press the clamp ring down into the edge of the drain. When using an adjustable clamp ring, make sure it fits tightly. Trim the material around the perimeter of the ring.

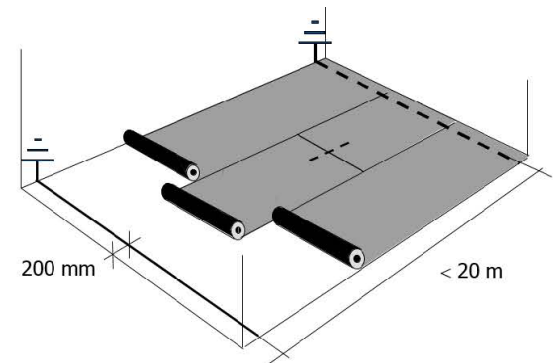
# Installation Instructions

## ANTISTATIC GUIDELINES FOR ELEKTRA SC

### INSTALLATION ESD SHEETS

- The earth connection is achieved with the copper strips.
- The sheets are fully adhered with an adhesive approved for Polystyl's homogeneous vinyl sheet, spatula A1/A2. See the adhesive manufacturer's instruction regarding coverage, open time etc.
- Always be careful when cutting, making grooves etc., that the copper strips are not damaged, to ensure that all sections of the surface are connected to earth after installation.
- **Most commonly, the copper strips will be connected to the normal electrical earth network of the building. In highly ESD-sensitive areas, the copper strips will be connected to a separate earth system provided by the end user. In all cases the connection to earth must comply with local electrical and building codes and regulations.**
- Cut the sheets to length and lay them out to acclimatize and relax prior to installation. This is particularly important for longer lengths.
- The assembly time depends on the type of substrate, its absorbency, the temperature and air humidity in the premises.
- Sheets must be installed so that colour differences are avoided. Reverse sheets whenever possible, overlap and cut edges. Factory edges must be overlapped and cut. Prior to overlapping the vinyl sheet, trim off the factory edge on the bottom sheet. This is best done by striking a chalk line, then -using a utility knife and straight edge -cut through and remove the scrap piece. Overlap the top sheet and then trace the bottom edge onto the top sheet with a correctly set under scriber.
- Rub the face surface down thoroughly to ensure that the floor covering makes good contact with the adhesive and that all air is expelled. Make sure that the tool used for rubbing down the floor covering does not scratch the surface. A broom is not suitable for this purpose. Use a floor roller (approx. 65 kg) and roll crosswise over the floor.
- **On top of the copper strips, apply a high quality conductive adhesive with permanent conductive properties using a brush.**

**Earth connection sheets**  
Sheets < 10 meters:  
Only use the copper strip at one of the short ends.  
Sheets 10 -20 meters:  
A copper strip is placed crossways under the sheets, approx. 200 mm from the short ends. A 100 cm copper strip is placed lengthways under transversal joints.  
Sheets > 20 meters: Apply copper strips crossways at short ends and at every 20 meters. A 100 cm copper strip is placed lengthways under transversal joints.  
General recommendation for earth connection sheets: The distance from any randomly chosen point on the installed floor to a copper strip must not exceed 10 meters.

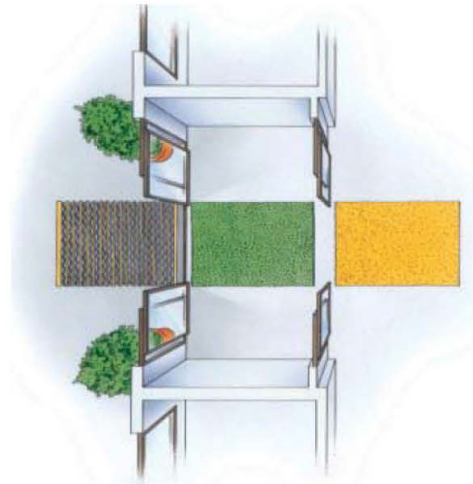




# Maintenance Instructions

## PREVENTIVE CARE

- Use correctly dimensioned entrance matting to remove dirt in the entrance area. About 80% of all the dirt on the floor that has to be cleaned off is brought in from outside. And 90% of that can be avoided by effective and correctly dimensioned entrance matting. The less dirt that comes in through the entrance, the lower the maintenance requirements.
- The entrance shall consist of three zones: The first zone (entirely weather-protected under a roof) is for rough cleaning and stamping away of dirt. The second zone is used to dry away the dirt. The third zone is inside the doors and it shall have loose, washable textile rugs that absorb the last moisture under the shoes. In total, the entry zone should be long enough so that you take 8 steps over them.



## GENERAL ADVICE

- Resilient floors are damaged by solvents.
- Wipe up any spilt oil immediately because it may damage the surface.
- Black rubber wheels and rubber feet can discolor.
- All chair legs must have protective feet.
- Remember that light colors need more frequent cleaning

## GENERAL ADVICE

- Always protect the floor with thick paper, hard board or similar during the construction period. Removing tape: carefully pull the tape backwards, not straight up from the floor.
- An initial site clean is always to be recommended before using the new flooring. Lightly soiled floors: Vacuum, sweep or damp mop the area to remove loose dirt and building dust. A combined scrubber/dryer with brushes or white/yellow pads are very effective to clean large areas. Use a detergent with low ph, 3-5, to be able to pick up dust from construction work.

## DAILY CLEANING

- Daily, sweep or vacuum the floor free from loose debris.
- Dry or damp mop. The frequency to be chosen upon degree of dirt and traffic intensity.
- Machine cleaning: In order to achieve good results, clean the floor gently with a combined scrubber-dryer machine and medium hard brushes or preferably red pads.
- Cleaning chemicals: If wet cleaning is necessary, use a neutral floor cleaner. Wet-rooms may necessitate occasional cleaning with acidic cleaning agents, pH 3 to 5, in order to remove residual lime and soap.
- Warning! Always follow dosage instructions carefully!
- Removing marks: Treat marks immediately. Use white/red nylon pads moistened with methylated spirits, cleaning spirit or neutral detergent.
- Wipe one more time with clean water.k.

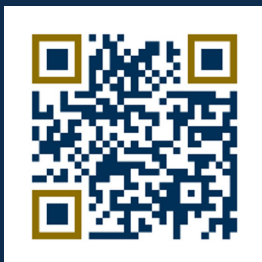


## PERIODICAL CLEANING

- **Maintenance:** In most areas dry-buffing is a suitable method to restore the floor surface. It is best to dry-buff right after you have machine cleaned the floor. Dry-buffing limits renewed soiling. Be sure to use correct type of pad. Best result is received between 500 to 1000 rpm and red pad. The higher the speed, the higher the gloss. Dry-buff frequently according to the amount of wear.
- If above maintenance regime does not meet your expectations in terms of shine or overall appearance a suitable polish, spray polish or floor maintainer system might be used. Contact your supplier for a detailed specification.
- **Heavy wear and soiling necessitates machine cleaning:** Apply the cleaning solution (a fairly strong cleaning agent, Ph 10-11 after dilution) to the flooring and allow to penetrate for 5-10minutes. Clean the floor using a heavy single scrub machine and red cleaning pad. Vacuum away the dirty water immediately. Rinse with clear water. Allow the floor to dry and then apply the maintenance system as per the instructions above..







More information:  
[www.tarkett-asia.com](http://www.tarkett-asia.com)

