

ESTRAD, ESTRAD PLANO, PODIUM, ESTRAD dB

TECHNICAL SPECIFICATION

PRODUCT	Estrad, Estrad Plano* Homogeneous sheet vinyl flooring EN 649	Podium Homogeneous sheet vinyl flooring EN 649	Estrad dB Sheet vinyl flooring with foam backing EN 651
Application	Heavy duty contract flooring, suitable for use in department stores, shops, schools, hospitals and offices etc.	Heavy duty contract flooring, suitable for use in department stores, shops, schools, hospitals and offices etc.	Heavy duty contract flooring, suitable for use in schools, hospitals, offices, homes for the aged and kindergartens etc.
EN 685	21 - 43	21 - 43	21 - 33
Thickness EN 428	2,0 mm	2,0 mm	2,9 mm
Weight EN 430	3000 g/m ²	3000 g/m ²	3300 g/m ²
Roll length EN 426	10 - 25 m	10 - 25 m	10 - 25 m
Width EN 426	150 cm	150 cm	150 cm

*) Plain and light colours always demand more maintenance than patterned designs. Patterned floorings, such as Podium, are therefore recommended for heavy traffic areas.

PRODUCT PROPERTIES

PRODUCT		Estrad, Estrad Plano	Podium	Estrad dB
Property	Test method	Result	Result	Result
Fire resistance	DIN 4102 NT 007 Fire	B1 L	B1 L	B1 L
Emissions	Nordtest NT Build 358/1 Cost report no 8/2	M1, 4 weeks TVOC <μg 200 m ² /h	M1, 4 weeks TVOC <μg 200 m ² /h	M1, 4 weeks TVOC <μg 200 m ² /h
Sound insulation	ISO & DIN	ΔL _w appr. 2 dB	ΔL _w appr. 2 dB	ΔL _w 14 dB
Dimensional stability	EN 434	< 0,3 %	< 0,2 %	< 0,2 %
Residual indentation	EN 433 2,5 h	< 0,05 mm	< 0,05 mm	< 0,1 mm
Effect of castor chair	EN 425	suitable 0 mm	suitable 0 mm	suitable < 0,1 mm
Abrasion resistance	EN 660 Pt2	Group P ≤ 2,4 mm ³	Group P ≤ 2,4 mm ³	Group P ≤ 2,4 mm ³
Seam strength	EN 684	≥ 400 N/50 mm	≥ 400 N/50 mm	≥ 400 N/50 mm
Colour fastness	ISO 105-B02	≥ 7	≥ 7	≥ 7
Insulation resistance	VDE 0100	> 50 kΩ	> 50 kΩ	> 50 kΩ
Thermal resistance		0,25 W/m K	0,25 W/m K	0,1 W/m K

INSTALLATION

RH of the concrete floor must not exceed 90 %. Temperature during installation and that of subfloor and material should be at least +18 °C. In public areas the floor must be rolled to achieve maximum adhesion. Rolling should be carried out before the adhesive dries. This is done to prevent the emergence of adhesive application lines and indentation on the finished

floor surface. Avoid traffic on the floor and do not move furniture until the adhesive has totally dried. To provide a watertight joint the seams of the flooring should be hot welded using a PVC rod. Also corners should be welded. Where welding is not possible, sealing should be carried out using a suitable welding paste. Welding paste should also be used for the sealing of through fitted pipes

Hot air gun should be used on the reverse side of the flooring when laying flooring sections that are laid against the wall, in order to avoid differences in gloss and damages of the floor surface. Adhesive manufacturers provide full information and recommendations on the use of their products.

MAINTENANCE

INITIAL CLEANING

Sweep floor clean of any loose dirt. Wash with neutral or mild alkaline solution using a scrubbing machine or a combination machine with red or beige pads or mopping. Rinse. Avoid scrubbing.

POLISHING

Initial polishing is not necessary because of the PUR-treatment (polyurethane). For Estrad Plano and for areas of heavy wear we recommend polishing the floor (one coat) with a wear resistant water emulsion polish.

DAILY MAINTENANCE

Damp or wet cleaning, depending on type of soiling. Larger surfaces require the use of a combination machine. Use a neutral or mild alkaline detergent or protective substances. When necessary we recommend localized polishing e.g. on walkways.

SHS-METHOD

The floor can be treated by using Super High Speed machine with light or red pads. The SHS-method allows the use of maintenance cleaner.

STAIN REMOVAL

All stains must be removed immediately to avoid permanent marks on the floor.

WARNING

Stain remover may affect the flooring or the adhesive. When in doubt about the effect of stain remover carry out a test or contact flooring/remover manufacturer. On stubborn marks it is recommended to use the effect of chemicals instead of mechanical scrubbing.

RESISTANCE TO CHEMICALS

Test period 24 hours and 2 hours (EN 423), after which the chemical was washed off.

Chemical	Estrad, Estrad dB, Podium		Estrad Plano	
	24 h	2 h	24 h	2 h
Lye 10 %	Weak effect	No effect	Weak effect	No effect
Soda 10 %	No effect	No effect	No effect	No effect
Hydrochloric acid 10 %	No effect	No effect	No effect	No effect
Citric acid 10 %	No effect	No effect	Weak effect	Weak effect
Light fuel oil	No effect	No effect	No effect	No effect
White Spirit	No effect	No effect	No effect	No effect
Acetic acid 30 %	No effect	No effect	Weak effect	Weak effect

WARNING

Floors may be slippery when wet or polished. Flooring must not be disposed of by burning.