

XPUR

THE NEW GENERATION OF POLYURATHANE SURFACES

Grabo's new surface treatment combines state-of-the-art technology with a customized, special lacquer formula. With several months of development work, our engineering team has developed lacquer formulas that best meets the specific requirements of each application. This results in excellent chemical resistance and very easy cleaning of our commercial floors, or outstanding scuff resistance of our sports floor products.

We use the most modern production technology known today, in which the varnish is cured in two steps. In the first step, a resistant microstructure is created with a narrow spectrum laser light under N₂ atmosphere. In the second step, the final cross-linking with a wider spectrum of UV light is performed. As a result, a perfectly cured surface is created which is matt, imporous and extremely resistant.

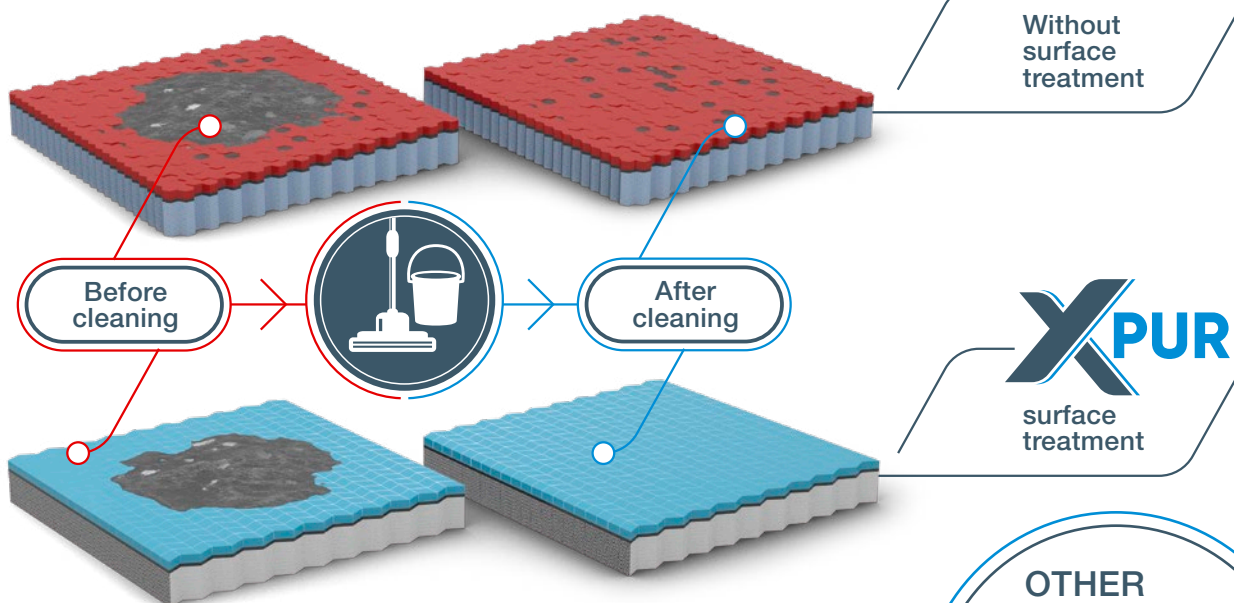
What are the most important features of the X-PUR surface for users?

1. Durability

It has two pillars. On one hand, the perfectly cross-link structured closed layer, created with the double curing is harder and more resistant than conventional PUR layers. On the other hand, the abrasion resistant lacquer is applied to the surface in two layers. For these reasons, the product does not need to be surface treated throughout its lifetime.

2. Easy cleaning

In addition to the special recipe, the easy cleaning of the surface is due to the completely imporous, closed surface.



3. Aesthetic matt shine

In the first cross-linking step, under N₂ atmosphere, with a narrow spectrum UV laser, a micro-structured surface is formed that disperses the incident light beams, resulting in an aesthetic matt surface. Thus, it is not necessary to use a matting agent in the technology, which tends to settle, thereby reducing manufacturing safety and uniform product quality.

OTHER BENEFITS

- Low VOC
- Excellent stain and chemical resistance
- Antibacterial surface
- Extra light resistance

GRABO Acoustic Natural

High performance
acoustical wall covering



ECOLOGICAL FORMULA



Grabo Acoustic specifications

CONSTRUCTION	STANDARDS	ACOUSTIC 43 NATURAL
DESCRIPTION		
Construction		heterogeneous
Total thickness	EN ISO 24346	3,2 mm
Wear layer thickness	EN ISO 24340	0,7 mm
Width of roll	EN ISO 24341	2 m
Length of rolls	EN ISO 24341	25 lm
Total weight	EN ISO 23997	2,6 kg/m²
CLASSIFICATION		
European classification	EN ISO 10874	Class 34/42
PERFORMANCE		
Abrasion group	MSZ EN 660-1	T
Residual indentation	EN ISO 24343	0,2 mm
Dimensional stability	EN ISO 23999	max 0,2 %
Fire resistance	EN 13501-1	Class: Bfl -s1
	BS 476	Class 1
	Gost 30402-94	G1
Impact sound reduction	EN ISO 717-2	ΔL _w =19 dB
Slip resistance	DIN 51130	R9
	AS/NZS 4586	R10
Electrical resistance	EN 1815	< 2 kV
	EN 1081	≤10 ⁹ Ω
Chemical resistance	EN ISO 26987	✓
Bacterial resistance	EN ISO 846:1999	✓
Light fastness	EN 20105 B02	grade 6
Castor chair resistance	EN ISO 4918	✓
Surface treatment		X-PUR
Anti-bacterial and fungicid treatment		graboSAN
Seaming method		heat or cold weld



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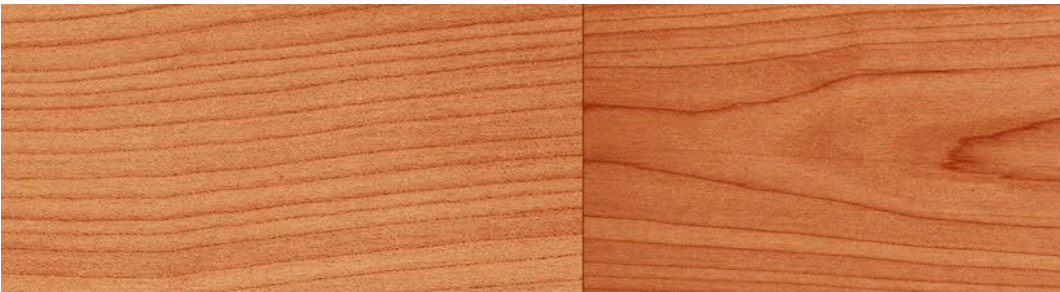
ACOUSTIC NATURAL



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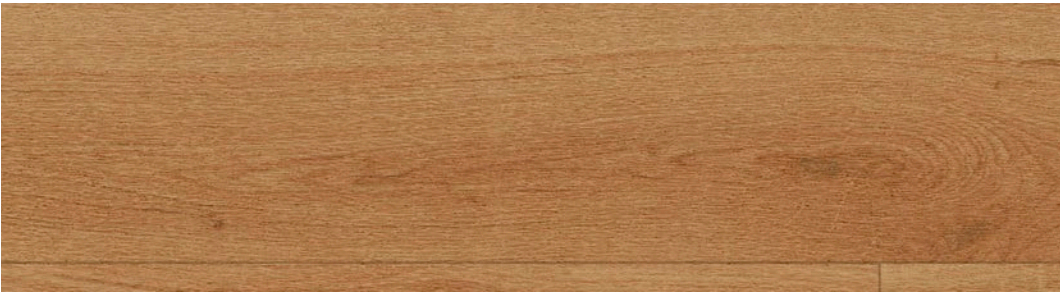
Acoustic Natural

High performance
acoustical floor coverings



3151-378-858

GRABO
Acoustic Natural



2519-371-662



2561-384-867



ACOUSTIC NATURAL



393-672



393-669



393-652



393-653



LOW VOC



ANTIBACTERIAL
SURFACE



CHEMICAL
RESISTANCE



EASY CLEANING



MATT SHINE



1001-384-874



1141-371-868



1151-371-869



1146-393-668