



polylac

Exclusive / Ecological / Resistant

 **gizir**[®]
WOOD PRODUCTS



What is polylac ?

Polylac by Gizir, a pinnacle in premium panel products that redefines interior aesthetics. Laminated by a transparent PET film, Polylac not only achieves the highest gloss level possible in the market(99GU) but also offers a versatile finish in matte. Its superior UV and scratch resistance ensure enduring beauty over years. With its resistance to chipping and cracking during the cutting process Polylac stands out as an easy to use material.

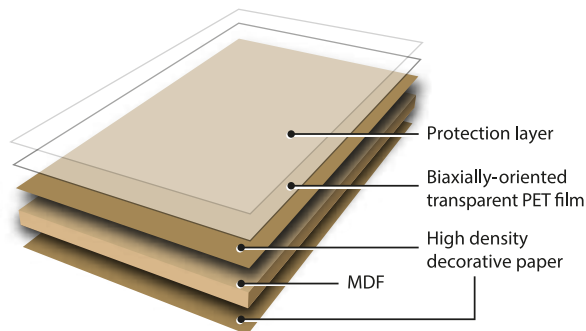
Embrace boundless creativity with Digital Polylac allowing any design, from marble and epoxy to fabric and wood, to grace its surface. Our diverse series captivate with constantly updated designs, all brought to life through cutting-edge digital printing. Polylac extends its elegance to edgebands, ensuring a seamless, cleaner finish. Elevate your space with Polylac – where innovation meets limitless design possibilities.

Polylac panel dimensions (mm): 18x1220x2800 / 8x1220x2800
Matching edgebanding: Acrylic (single color / double color), ABS

Why polylac ?

Features

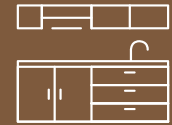
- ▶ High gloss with mirror like finish
- ▶ Scratch, stain & heat resistant
- ▶ Smooth surface and depth effect
- ▶ Cuts without cracking or chipping
- ▶ 100% PVC free
- ▶ Very easy to clean and maintain
- ▶ Unlimited design options with low moq
- ▶ Matching acrylic and ABS edgeband



Unlimited possibilities

Polydac comes in many different beautiful colors and patterns, and with Polydac's digital image capabilities, we can produce marble, leather, wood, custom colors, logos...anything! All Polydac products come with the same industry-leading gloss rating, durability, and reliability. Matte finish is also available.

Where to use?



kitchen



bathroom



living room



bedroom



hotel furniture



office furniture



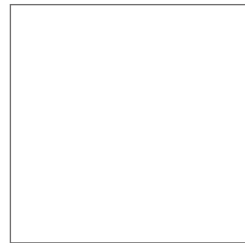
wall panelling

for more colors





Polyglac



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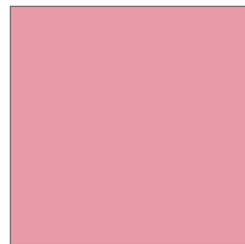
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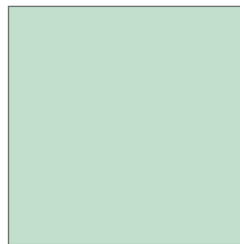
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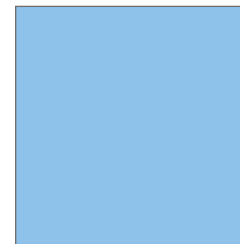
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*Colors may vary. Please ask for samples.

Polylac



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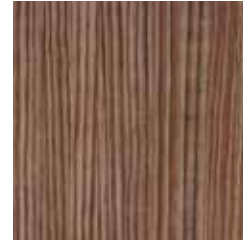
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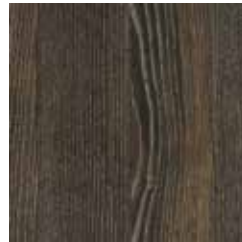
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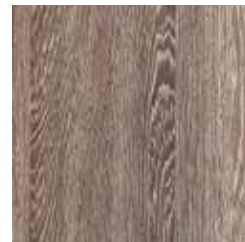
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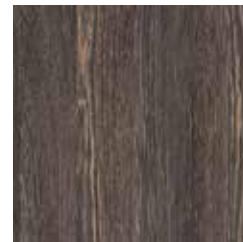
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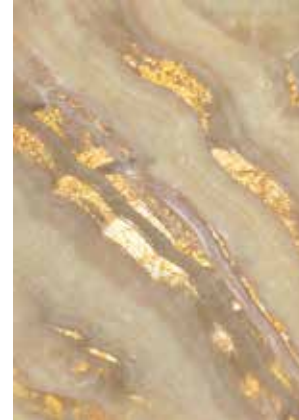
Digital Polylac MARBLE



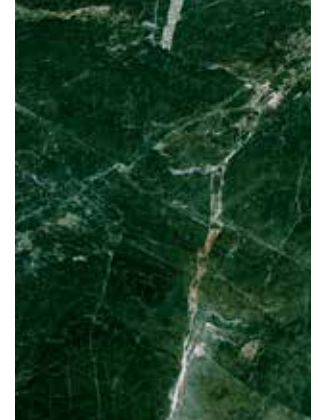
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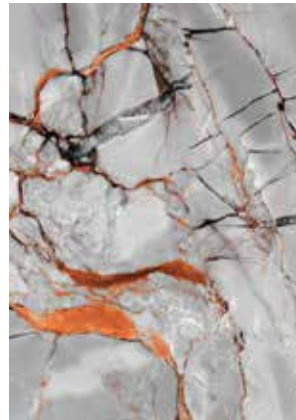
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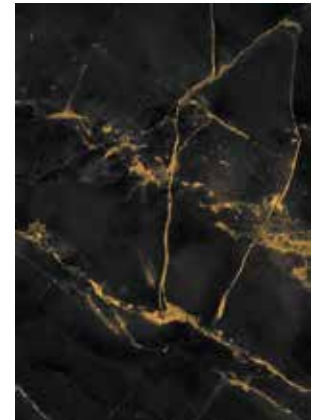
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Digital Polylac WOOD



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Digital Polylac STONE



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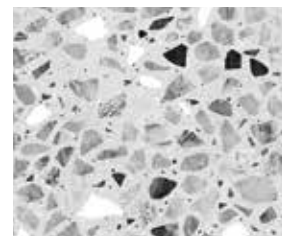
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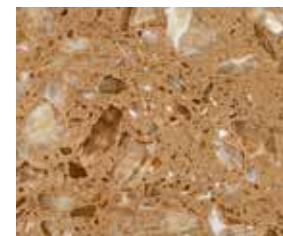
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Digital Polylac TERRAZZO



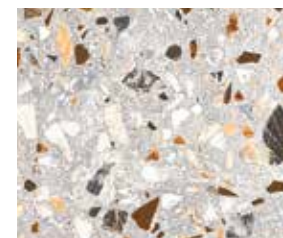
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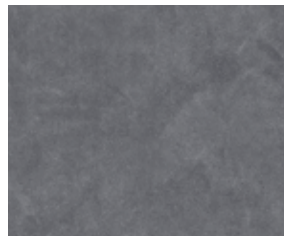
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Digital Polylac LEATHER



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Digital Polylac FABRIC



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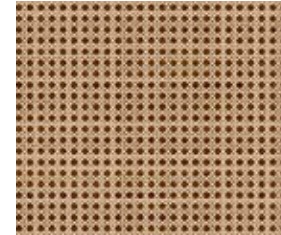
Digital Polylac BOHEMISM



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Digital Polylac ART



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*Colors may vary. Please ask for samples.

Digital Polylac EPOXY



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Digital Polylac panel dimensions (mm): 18 x 1220 x 2800



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TECHNICAL INFORMATIONS / POLYLAC

No	FEATURE	UNIT	RESULT	STANDARD
1	Gloss level (60° angle)	Gloss	99 GU	TS EN 14323
2	Scratch resistance	N	3,0 Newton (Class 4B)	DIN 68861 part 4
3	Assessment of surface resistance to wet heat (100°C)	Class	5 (No change)	EN 12721:09
4	Assessment of surface resistance to dry heat (140°C)	Class	5 (No change)	EN 12722:09
5	Surface abrasion resistance	-	4500 rev. (Class 4)	EN 14323 cls. 5.9
6	Behavior towards impact loading by falling steel ball	mm	No cracking	EN 14323 cls. 5.14
7	Test of water steam resistance	Class	5 (No change)	EN 14323 cls. 5.11
8	Resistance to staining	Class	5 (No change)	EN 14323 cls. 5.6
9	Assessment of surface resistance to chemical cold liquids (Acetic acid, acetone, ammonia solution, citric acid, cleaning agent, etc.)	Class	5 (No change)	TS EN 12720:2900+A1
10	Colorfastness to light	Grey Scala	4 / 5. Grade	EN 15187
11	Bending strength (*)	N / mm ²	32 N / mm ²	EN 310
12	Modulus of elasticity in bending (*)	N / mm ²	4441 N / mm ²	EN 310
13	Surface soundness (tensile strength) (*)	Mpa	1,36 N / mm ²	EN 311
14	Tensile strength vertical to the surface (*)	N / mm ²	0,54 N / mm ²	EN 319
15	Thickness tolerance	mm	± 0,3 mm	TS EN 324-1
16	Bow tolerance	-	3,5 mm / m	Gizir
17	Cold check (40 cycles, 1 h 60°C, 15 min. room temp., 1 h -30°C, 15 min. room temp.)	-	No damage	TSE
18	Antimicrobial Products – Test for Antimicrobial Activity and Efficacy	-	E.coli / Sa.aureus ≥2 (suitable)	JIS Z 2801
19	Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi	-	0 growth at 7, 14, 21 and 28 days (suitable)	ASTM G21
20	Width and Length tolerance	mm / m	± 5 mm	TS EN 324-1
21	Formaldehyde Potential	mg / 100g	≤ 30.0	EN 120 EN 622-1

-(*) These values are weighted average of the test results.



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