

polytec imi-beton high pressure laminate

General Information

polytec's imi-beton Laminate Flex is suited for all vertical applications and curved surfaces. Available in four raw finished colours, while the pre-finished and pre-sealed sister product, imi-beton Laminate Plus, is a pioneering and durable polished concrete surface solution.

Features & Benefits

- Industrial aesthetics - Beautiful and elegant modern industrial look
- Machinability - Low abrasive material which facilitates ease of machining and fabrication
- Flexibility - imi-beton Flex can easily be shaped around curved surfaces

Product Properties

PROPERTY	TEST METHOD	PROPERTY OR ATTRIBUTE	UNIT	LAMINATE GRADE
Thickness	EN 438-2.5	thickness	mm	$0,6 \leq S \leq 1,0 \pm 0,15$
Length and Width	EN 438-2.6	length and width	mm	+ 10 / - 0
Straightness of edges	EN 438-2.7	maximum deviation	mm / m	$\leq 1,5$
Squareness	EN 438-2.8	maximum deviation	mm / m	$\leq 1,5$
Flatness	EN 438-2.9	maximum deviation*	mm / m	≤ 100
Resistance to immersion in boiling water	EN 438-2.12	appearance	rating (min) Polished finish Raw finish	≥ 3 ≥ 4
Resistance to dry heat (180°C)	EN 438-2.16	appearance	rating (min) Polished finish Raw finish	≥ 3 ≥ 4
Stability at elevated temperature	EN 438-2.17	cumulative dimensional change	% long % transv.	$\leq 0,55$ $\geq 1,05$
Resistance to cracking (thin laminates)	EN 438-2.23	appearance	rating (min)	≥ 4
Volume electrical resistance	EN 61340-4-1	Rv (23°C / 50% RH)	Ohm	$1 \times 10^9 - 1 \times 10^{11}$
Density	ISO 1183	density	gr/cm ³	$\geq 1,35$

Contact

For further information on this product contact:

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