

Product Data Sheet

RESOPAL® Titanium High-Wear TH

(supplement to the product data sheet for RESOPAL® laminate HPL according to DIN EN 438)

The product data sheet for RESOPAL® laminate HPL according to DIN EN 438 forms the basis for these comments. If not otherwise stated, the descriptions given there apply.

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1 Material description and Composition

RESOPAL® Titanium High Wear is a decorative high pressure laminate (HPL) for use in the internal finishing and fulfills the prerequisites of the standard "Classification and Specification for flooring grade laminate less than 2 mm thick, intended for gluing onto a substrate" set down in EN 438-part 5.

In addition to the general standard construction, the boards described here are considerably upgraded with regard to their abrasion and scuff resistance by the special paper used. This special characteristic is realized besides on the high-gloss finish.

2 Technical Data

Characteristics	Test method	Unit	value
Class	EN 685		23 / 33
Abrasion resistance	DIN EN 13329 EN 438-2	Revolutions	AC 5 IP \geq 6000
Impact resistance, Small diameter ball	DIN EN 13329 EN 438-2	N	IC 3 \geq 20
Resistance cigarette burning	EN 438-2	Rating	\geq 3
Resistance to staining	EN 438-2	Rating group 1 + 2 group 3	5 4
Light fastness (xenon arc)	EN 438-2	Grey scale rating	4 – 5
Gloss	DIN 67530 EN ISO 2813	60° geometry method	ca. 110 – 130
Formaldehyde release	EN 717-2	mg/h m ²	< 0.4
Density	EN ISO 1183	g/cm ³	\geq 1,4
Calorific value	DIN 51900	MJ/kg	ca. 18 – 20

3 Technical application note

Due to the larger proportion of inorganic constituents in the modified structure, high tool wear could be expected in further processing. However no greater difficulties have to be expected thanks to the present day technology of diamond tipped tools.

4 Product details

Size: 3050 mm x 1320 mm
3650 mm x 1320 mm

Thickness: 0,8 mm – 1,2 mm

Finish: TH (Hochglanz)

All the above information is based on the current state of technical knowledge, but does not constitute any form of guarantee. It is the personal responsibility of the users of the products, described in this information leaflet to comply with the appropriate laws and regulations.