

Technical Data Sheet SprelaCart® Type SHD

Product: SprelaCart® laminate
made from Cellulose layers, impregnated with curable resins (core layers on the basis of phenolic resins, cover layer on the basis of amino resins) and grouted under influence of pressure and heat; one-sided decor, backside sanded.

Type: SHD (Standard Heavy Duty) – material with a very high degree of abrasion resistance, high impact strength, high scratch resistance

Nominal thickness: 0,5–0,8 mm

Important characteristics according to DIN EN 438 and DIN EN 13329

Characteristic data:

Pos.	Inspection feature	Test standard	Unit of measure	Test values
1	Abrasion resistance	EN 13329 App.E	Rev.	IP \geq 4000
2	Impact strength	EN 438	N	\geq 20
3	Scratch resistance	EN 438	degree	\geq 3
4	Light fastness	EN 438	Grey scale	4
5	Resistance to staining Appearance - Group 3 (NaOH 25%, H ₂ O ₂ 30 %, shoe polish)	EN 438	degree	4
6	Reaction to cigarette burns	EN 438	degree	4
7	Formaldehyde emission	DIN EN 717-1	ppm	0.1

Assessment: (Pos. 5) Degree 4: minor changes in gloss level, which are only visible from certain angles, and/or slight brown staining.
 (Pos. 6) Degree 4: minor changes in gloss level and/or colour, which are only visible from certain angles

As of: 18th June 2012

The information contained in this data sheet is based on extensive testing in practice. However, they do not constitute guarantees of specific characteristics in the legal sense as per the latest rulings by the German Federal Court.

