

## Technical Data Sheet

# SprelaCart® laminate Type **BTS-coloured**

**Product:** Coloured core - thin laminate < 2 mm - standard

SprelaCart®-S (coloured) consists of cellulose layers which are impregnated with curable resins (core layers based on a special melamine resin mixture, cover layer based on amino resins) and grouted under influence of pressure and heat. It features a one-sided decor, a coloured core and is sanded on the backside.

### Product specification:

Thickness	0.8 – 1.20 mm	Roll width	
Roll length	Not rolled	Plate length	800 – 5500 mm
		Plate width	max. 1310 mm

### Characteristic data:

Pos.	Characteristic value	Unit of measure	mind. Test values
1	Abrasion resistance	U	>/= 350
2	Impact stress	N	>/= 20
3	Scratch resistance	degree	3
4	Water vapour test - appearance	degree	4
5	Dry heat	degree	4
6	Moist heat	degree	4
7	Resistance to staining - Group 1 – 2 - Group 3	degree degree	5 4
8	Resistance to cigarette burns	degree	3
9	Light fastness	Grey scale	4
10	Formaldehyde emission DIN EN 717-1	ppm	0,1
11	Resistance to fire DIN EN 4102		Class B2

**Assessment:** (Pos. 4, 5, 6, 7, 8) Degree 5: best value, no visible changes  
 Degree 4: minor changes in gloss level and/or colour, only visible from certain angles  
 Degree 3: moderate changes in gloss level and/or colour

As of: 11th June 2012



## Storage

Store in closed rooms away from wetness, moisture and direct sunlight.

The plates should lie flat and horizontally on suitable even surfaces, for example on pallets with packing plates. The stack must be weighed down with a cover plate. If the laminate is shipped in foil wrapping, we recommend resealing the foil and weighing the stack down again with the cover plate each time something is removed from it.

Under the above mentioned conditions, SprelaCart® plates can be stored in ready-to use state for up to 6 months after delivery. If the stocking period is exceeded or the storage conditions are violated, the manufacturer does not guarantee that the product will be workable.

## Processing

The Technical Bulletin of the Professional Group for Decorative Laminates in pro-K ([www.pro-kunststoff.de](http://www.pro-kunststoff.de)), e.g. General Processing Recommendations for Decorative Laminates, shall apply to the processing of SprelaCart® BTS-coloured.

Chipboard and wood fibreboard, veneer plywood, as well as laminated core board with adequate face veneers

are suitable as substrates. Solid wood or block-glued core boards are less suitable as a substrate.

Adhesives that have been proven suitable include products on PVAc basis, urea-based glue with added hardeners

and fillers as well as various contact adhesives. It is important that, after setting, the adhesives ensure permanent elasticity with good bonding strength.

SprelaCart® plates and substrates should be conditioned together in a normal room climate before being processed further.

For all further processes, these conditions should be continuously ensured.

## Postforming properties

SprelaCart® BTS-coloured with a nominal thickness of 0.8–1.2 mm cannot be postformed.

## Care instructions

SprelaCart® surfaces do not require any special care. Clean up minor soiling with a dry or wet cloth or sponge. Regular dirt can be removed with warm water and commercial cleaning agents without abrasive components.

## Disposal

SprelaCart® laminate is not a hazardous substance as defined by the Hazardous Substances Act.

Processing waste and residues are classified by the European Waste Catalogue EWC no. 120105 and can be disposed of on domestic waste landfills in accordance with local regulations or disposed of by incineration.

