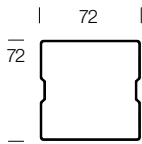# Product sheet part 1

FlexBoard Pro

FlexBoard Pro S

W/H: 72/72 cm

weight: approx. 2,7 kg

lightweight, magnetic whiteboard and pinboard
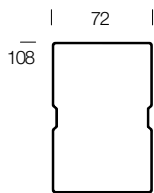
72
72

FlexBoard Pro M

W/H: 72/108 cm

weight: approx. 4,2 kg
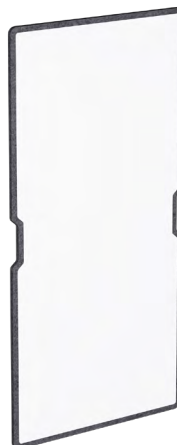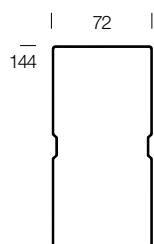
lightweight, magnetic whiteboard and pinboard

72
108

FlexBoard Pro L

W/H: 72/144 cm

weight: approx. 5,6 kg

lightweight, magnetic whiteboard and pinboard

72
144

Product sheet part 2
FlexBoard Pro

Description

The FlexBoard Pro is a multifunctional, lightweight whiteboard for agile team and project work. As a visual display, it is rewritable, magnetic and pinable on the other side. A flexible mounting system (FlexRail system) allows the lightweight boards to be used both directly on the wall, in a separate frame, and integrated into our modular furniture system, i.e. on shelves and room dividers. The boards can be stored regardless of size in a custom-fit wall mount or in a mobile board trolley (holding 8 FlexBoards).

Properties

The FlexBoard Pro consists of a pinable side and a magnetic and wipeable enamel board surface; suitable for dry-erase markers, commercially available magnets and pin needles. The core material of the FlexBoard Pro is a pressed fibre fleece. Slight fraying at the outer edges cannot be avoided due to the material's cannot be avoided due to the material properties. In the vertical state, a slight curvature of the boards is present (more pronounced per height of the board) due to the soft core material.

Packaging

For transport, all furniture is packed with appropriate packing material.

Assembly

FlexBoard Pro do not need to be mounted. The FlexRails must be installed by personnel trained by System 180. FlexRails can be retrofitted to existing furniture. Doors, pull-outs and other System 180 accessories are not subsequently affected by the installation of FlexRails.

Service life

The product is durable when used properly.

Influence on other products

Optical cover due to FlexBoard surface. No impact on other accessories in use.

Design

Mobile whiteboard in the basic shape of a square or rectangle with handle cut-outs.
All edges of the FlexBoard Pro are bevelled (slight fringing possible due to the machine production process).
The lateral frame of the visible fleece surface between the whiteboard edge and the outer edge is 2 cm.

Warnings

Falls from a height of more than 50 cm should be avoided and, depending on the floor conditions, can lead to deformation of the outer edges. The deformation can affect the insertion of the FlexBoards Pro into the FlexRails themselves, as well as the lateral sliding mechanism in them.

Product sheet part 3

FlexBoard Pro

Care instructions

Board surface

Before first use, it is strongly recommended to clean the surface to remove any residues. Commercially available spirit (ethyl alcohol) can be used for this purpose. Markings with suitable marking pens can be wiped off dry, e.g. with microfibre cloths or with a damp sponge. Re-greasing cleaning agents such as dishwashing detergents or special soap suds should never be used.
From time to time, depending on the amount of use, thorough cleaning with white spirit or a special whiteboard cleaner (e.g. Edding V100 thinner) is recommended.

Fibre fleece

For water-soluble stains, absorb the liquid with absorbent, non-staining cloths. Repeat the process until the spot feels dry. Then clean the spot with a spray extractor. In the case of a combination of liquid and coarse impurities, first remove the solids and then proceed as previously described. In the case of stains containing oil and grease, the use of suitable intensive cleaners and dirt breakers is recommended. Soak a clean, non-staining cloth and then dab at the stain. Continue this procedure until the stain is removed.

Stainless steel components (FlexRail)

Stainless steel surfaces should be cleaned with the help of cleaning cloths, soft sponges or brushes using clean, hot water, possibly with all-purpose cleaner without abrasive ingredients. The cleaning agent should be completely removed before drying.

Particular stains (e.g. limescale residues) can be removed with slightly acidic cleaning agents containing 10 % citric or acetic acid. Rinse treated surfaces thoroughly.

Please be sure to note: The corrosion resistance of stainless steel is reduced by acids and halogen compounds (chlorides, bromides, iodides). Therefore, do not use cleaning agents containing strongly acidic salts, e.g. descalers based on formic acid and amidosulphonic acid, drain cleaners, hydrochloric acid and silver polishes. Do not use chlorine solutions, abrasive and scouring agents (scouring powder, steel wool), polishes, waxes, bleaching agents.

To avoid extraneous rust, do not use cleaning utensils made of normal steel (spatula, steel wool) or those, or those previously used for cleaning normal steel should be used.

Product sheet part 4

FlexBoard Pro

Directions for use/operating instructions

The installation information of the FlexRails as well as instructions for the proper insertion of the FlexBoard Pro can be found in the installation manual from point 3.11 FlexBoard Pro.

Disposal

The board must be disposed of at the end of its useful life in accordance with waste code number 20 03 07 AVV (bulky waste).

Technical data sheet 1

FlexBoard Pro

Material	Description	Value	Standard
Fleece	Fleece type	Nonwoven, thermally and mechanically bonded, without chemical binders. Specially smoothed surface.	
	Fibre composition	100 % polyester; 8 % recycled content	
	Bulk density	3000 g/m² ± 300 g	
	Colour	Anthracite grey	
	Fire behaviour	B1	DIN 4102-1
	Acoustic properties with 25 mm material thickness, manufacturer's data	tested with air pressure 0 mm 200 mm NRC: 0,70 0,90 SAA: 0,68 0,91 Aw = 0,55 (MH), 0,95 Absorption class D; A	ASTM C423 ISO 354/ISO 11654
Enamel coating	Steel thickness	0,32 mm or 0,35 mm	
	Thickness front enamel coating	± 105 µm	ISO 2178/ASTM B499
	Total thickness	0,50 ±	DIN EN 717-2 DIN EN 120
	Surface hardness	Min. 5	EN 101
	Scratch resistance	Min. 7 N	ISO 15695
	Wear resistance	Max 0,1 g	ASTM C 501 (Scouring agent S33/1 kg/1.000 revs)
	Resistance to cold acids	Min. A	EN 14483-1-9/ ISO 28706-1-9
	Impact resistance	Min. 20 N	ISO 4532 (< 2 mm)
	Dry wipeability	Excellent	PVNV 41.803
	Wet wipeability of the water-based based markers	Excellent	
	Wipeability of the permanent markers with methanol	Excellent	
	Durability	RG < 30 %, Excellent	PVNV 41.809, Rel. gloss change dry wipeability
	Fire resistance	Non-flammable - Class 0	BS 476-6/BS 476-7
	MBDC Cradle to Cradle certification	Fulfils	Cradle to Cradle Silver

Technical data sheet 2

FlexBoard Pro

Material	Description	Value	Standard
Felt (lamination)	Composition	FHR: 72 % Polyester, 18 % Polyamid, 10 % Viskose, FHU: 57 % Polyester, 43 % Polyamid	DIN EN 10217-7
	Fire protection	B, s1, d0	EN 1021-1 (Cigarette test) EN 13501-1 Adhered Class
	Weight	200 g/m2 ±10 %	
	Environmental friendliness	Gold	According to Indoor Advantage™ certificate
	Light fastness	Standard: 5 FHR05: 4	(ISO 105 - B02), (ISO 105 - B02)
Stainless steel sheet (FlexRail Pro SteelLine)	Material	VA 1.4016	
	Values for state	Glowed	
	Material number EN-AW	VA 1.4016	
	Alloy component ca. %	C 0,08/Mn 1,0/P 0,040/S 0,030	DIN EN 10088
	Technical delivery conditions		DIN EN 10088
Sheet steel (FlexRail Pro BlackLine)	Material	DC 01 (St 12)	
	Values for state	Glowed	
	Material number EN-AW	1.0330	
	Alloy component ca. %	C 0,12/Mn 0,6/P 0,045/S 0,045	DIN 24042
	Technical delivery conditions		DIN 24042

The FlexBoard pro meets the requirements for durability and safety of the DIN 14434 standard.