SPECIFICATION

Tender specification: Chameleon Sharp Wall Combi

SHORT TEXT

Frameless wall of ceramic steel whiteboard panels and PET felt panels, square corners, magnetic mounting, horizontal or vertical

LONG TEXT

Supply and installation of a frameless wall surface of whiteboard panels and PET felt panels of the Chameleon Sharp Wall Combi system (or equivalent). The wall combines a magnetic ceramic steel writing surface with PET felt for acoustic absorption in one design. Whiteboard and felt panels are fitted flush against each other, all panels with square corners (not rounded). Installation uses a concealed magnetic mounting system without visible fixings, vertically or horizontally.

01 Construction and materials

Whiteboard part

Surface	Ceramic steel, enamelled, 0.4 mm, Cradle to Cradle Bronze certified, indoor air quality certified to SCS-EC10.3-2014 v4.0
Core	MDF, 9 mm, FSC certified (FSC 70%, licence code FSC-C137061)
Back	Galvanised steel sheet, 0.4 mm (magnet holding)
Total thickness	10 mm
Panel edges	Painted, colour depending on the chosen surface, easy to clean. Special edge colour possible on request.
Corners	Square, not rounded
Properties	Magnetic and dry wipe, suitable for very intensive and continuous use
Hardness	Scratch resistant, hardness and flatness comparable to glass
Magnets	Suitable for all types of magnets

PET felt part (acoustic)

Material	PET felt, 9 mm, 100% recyclable, with 50% recycled fibres
Back	Galvanised steel sheet, 0.4 mm, for magnetic mounting
Thickness	Material thickness 9 mm; total thickness including mounting system approx. 14.5 mm
Properties	Acoustically effective, dimensionally stable, hard wearing and easy to maintain; clean with a slightly damp cloth
Optional V-cut pattern	V-groove 3 mm deep, approx. 6 mm wide (cut-out codes A04, A05, A10, A13)
Mounting	Remountable magnetic mounting

02 Surfaces and colours

Whiteboard part: select one type

SURFACE	DESCRIPTION	EDGE COLOUR	MAX. PANEL SIZE
High Gloss (HG100)	Best selling whiteboard surface with a high gloss level, excellent visibility of markings. Whiteboard markers, dry wipe	White	1180 x 2980 mm / 1480 x 2980 mm
SatinTones (S200 to S214)	Matt ceramic steel surface (low gloss) in 15 subtle colours, easy to read from all angles. Whiteboard markers, dry wipe. S200 also suitable for projection	Same colour as surface	1180 x 2980 mm (only S200 1480 x 2980 mm)
Projection	Extremely matt, non reflective surface for the best possible image quality when projecting. Whiteboard markers, wet wipe	White	1180 x 2980 mm / 1480 x 2980 mm
Chalk (C300, C301)	Chalkboard surface, colour fast and wear resistant, green or grey. Chalk, dry wipe	Black	1180 x 2980 mm (only C301 1480 x 2980 mm)

SatinTones: S200 Satin Snow, S201 Satin Stone, S202 Satin Aqua, S203 Satin Leaf, S204 Satin Almond, S205 Satin Blossom, S206 Satin Ivory, S207 Satin Meadow, S208 Satin Heron, S209 Satin Sandstone, S210 Satin Dune, S211 Satin Caramel, S212 Satin Sky, S213 Satin Lagoon, S214 Satin Sage. Chalk: C300 Chalk Graphite, C301 Chalk Canopy.

All whiteboard surfaces made of enamelled ceramic steel, scratch resistant, with a lifetime warranty on writing and dry wiping.

PET felt part: choice of 23 colours, colour codes P001 to P023: P001 White, P002 Dusty white, P003 White marble, P004 Calm grey, P005 Rough grey, P006 Black lava, P007 Flat white, P008 Hare, P009 Canyon, P010 Turmeric, P011 Rust, P012 Tree bark, P013 Magma, P014 Polar ice, P015 Light blue quartz, P016 Dusk, P017 Pink rose, P018 Garnet, P019 Iguana, P020 Ocean green, P021 Anthracite, P022 Urban green, P023 Shadow green.

The colour code of the PET felt is to be stated with the article number when requesting a quote or ordering, optionally followed by the cut-out code.

03 Acoustic properties and fire behaviour (PET felt part)

Values as stated in the manufacturer's data sheet.

MOUNTING	AW	SAA
No air gap	0.25	0.30
50 mm air gap	0.55	0.70
100 mm air gap	0.75	0.76

Fire behaviour: tested to EN 13501, class B-s1, d0.

04 Dimensions and articles

Standard sizes

Dimensions in cm as height x width. The code of the chosen whiteboard surface and the colour code of the PET felt are to be added to the article number, optionally followed by the cut-out code (A04, A05, A10, A13). Weights gross / net in kg as stated in the manufacturer's data sheet.

Whiteboard panels

SIZE (CM)	ARTICLE NUMBER	CUT-OUT CODE	WEIGHT GROSS / NET
198 x 118	16001.012 + code	n/a	40 / 39 kg
88 x 118	16001.009 + code	n/a	22 / 15.8 kg

PET felt panels (article number + colour code + cut-out code optional)*

SIZE (CM)	ARTICLE NUMBER	CUT-OUT CODE	WEIGHT GROSS / NET
198 x 59	11208.001 *	A04, A05, A10, A13	12.84 / 10.7 kg
198 x 118	11208.002 *	A04, A05, A10, A13	25.92 / 21.6 kg
88 x 118	11208.009 *	A04, A05, A10, A13	14.64 / 12.2 kg
88 x 59	11208.010 *	A04, A05, A10, A13	7.32 / 6.1 kg

Wall layout, number and arrangement of whiteboard and felt panels as per design; the whiteboard panels can be mounted vertically and horizontally.

Custom sizes on request: whiteboard to size, PET felt article number 11208.998 (weights to be confirmed).

05 Mounting system

Certification	Magnetic mounting system of the whiteboard part TÜV certified (TÜV Nederland QA, approval 2410-C-736)
Mounting plates	For the whiteboard part: galvanised steel, 3 mm, 300 x 300 mm, with countersunk screw holes, 4 screws and plugs (Ø 6 mm) per plate, factory bonded to an anisotropic magnet (1.5 mm) with double sided tape
Mounting strips	For the PET felt part: magnetic mounting strips 300 x 50 mm, 2 screws and plugs (Ø 6 mm) per strip
Fixing	Concealed and invisible; panels sit flush in front of the wall without slipping, tilting or visible fixing points, panels individually adjustable
Additional load	Maximum 1 kg of accessories per m² of whiteboard surface
Mounting aid	Use of glass lifters (article number 51508.010) recommended
Reusability	Mounting can be removed and refitted without damaging the wall; panels can be repositioned and taken along when moving

Contents per article (as per mounting guide)

ARTICLE	SIZE (CM)	PLATES 300 X 300	STRIPS 300 X 50	SCREWS	PLUGS	SPACERS
16001.012	198 x 118	4	0	16	16	0
16001.009	88 x 118	2	0	8	8	4
11208.001	198 x 59	0	6	12	12	4
11208.002	198 x 118	0	12	24	24	8
11208.009	88 x 118	0	6	12	12	4
11208.010	88 x 59	0	4	8	8	2

06 Sustainability

FSC	Core made of FSC certified wood (licence code FSC-C137061)
FSC note	Applies to the MDF core of the whiteboard part, not to the PET felt part
PET felt	100% recyclable, with 50% recycled fibres
Production	In-house production in Geldrop (NL), surface visually inspected and finished by hand
Manufacturer certifications	ISO 14001 and Ecovadis Gold

07 Warranty

2 years

Product warranty on construction, mounting system and PET felt part

Lifetime

Warranty on writing and dry wiping of the whiteboard surface

08 Scope of delivery and packaging

Whiteboard part: whiteboard panel, mounting plates, screws, plugs, mounting instructions; packed in a wooden crate with corrugated cardboard and polyethylene protective film (board size + 3 cm width, 3 cm depth, 4 cm height). PET felt part: PET felt panel, mounting plates or mounting strips, screws, plugs,

mounting instructions; single pieces in shrink film with corrugated cardboard and EPS edge protection, large orders loose on pallet (panel size + 4 cm all round, total thickness approx. 3 cm).

09 Execution

The substrate must be flat and free of obstacles. The supplied screws and plugs are suitable for brick walls; for other load bearing walls suitable fixing material must be used. Screw heads must be fully countersunk in the mounting plate. The magnetic surface of the mounting plates and strips must be in full contact with the back of the panel; they must therefore be installed in line and level, and unevenness must be compensated with fill plates. The outlines of the panels are marked on the wall in pencil before mounting.

MANUFACTURER

Smit Visual B.V., Chameleon Writing, Geldrop (NL), or equivalent.