SPECIFICATION

Tender specification: Chameleon Wall Coverings Combi

SHORT TEXT

Full wall PET felt wall covering with a mounted whiteboard wall (Curve Wall or Sharp Wall), ceramic steel, magnetic mounting, whiteboard and acoustics in one system

LONG TEXT

Supply and installation of a Wall Coverings Combi of the Chameleon system (or equivalent): a full wall covering of 9 mm PET felt for sound absorption, glued directly to the wall, with a mounted frameless whiteboard wall of ceramic steel (Curve Wall with rounded corners, corner radius R = 140 mm, or Sharp Wall with square corners). The whiteboard wall is mounted on mounting plates with a TÜV certified magnetic mounting system without visible fixings and stands 10 mm proud of the PET felt.

01 Construction and materials

Whiteboard part: Whiteboard wall either Curve Wall or Sharp Wall

Surface	Ceramic steel, enamelled, Cradle to Cradle Bronze certified
Core	MDF, 9 mm, FSC certified (licence code FSC-C137061)
Back	Galvanised steel sheet (magnet holding)
Total panel thickness	10 mm
Panel edges	Painted, colour depending on the chosen surface, easy to clean
Properties	Magnetic and dry wipe, suitable for very intensive and continuous use
Corners	Curve Wall: rounded outer corners, corner radius R = 140 mm. Sharp Wall: square, not rounded
Hardness	Scratch resistant, hardness and flatness comparable to glass
Magnets	Suitable for all types of magnets

Acoustic part (PET felt)

Build	PET felt 9 mm single layer, full wall
Material thickness	9 mm
Size	Fully made to measure, built up from panels of 220 x 120 cm with filler pieces at the top, left and right
Cut-out	Up to 20 cm inside the contours of the whiteboard wall, optional cut-out code A01 to A08
Pattern	Standard without pattern; optional V groove patterns (SL01 to SL18), 3 mm deep, approx. 6 mm wide
Edge finishing	Seams bevel cut, 3 mm; the sides of the entire wall without bevel cut
Weight panel 220 x 120 cm	Gross 5.82 kg, net 4.5 kg
Mounting	With adhesive directly on the wall
Material	PET felt, 100% recyclable, 50% recycled fibres
Fire behaviour	Tested to EN 13501: B-s1, d0
Cleaning	With a slightly damp cloth
Colours	23 colours (P001 to P023, including P022 Urban green and P023 Shadow green)

PET felt colours: 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.

02 Whiteboard surface

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

03 Acoustic properties

PET felt, measured values as stated in the manufacturer's data sheet

ARRANGEMENT	SOUND ABSORPTION
Directly on the wall	αw 0.25 / SAA 0.30
With 50 mm air gap	αw 0.55 / SAA 0.70
With 100 mm air gap	αw 0.75 / SAA 0.76

04 Dimensions and articles

Whiteboard wall and PET felt

Dimensions in cm as stated in the manufacturer's data sheet. The code of the chosen surface is to be added to the article number. When ordering, state the PET felt colour code (P001 to P023) first, optionally followed by the cut-out code. Weights gross / net in kg as stated in the manufacturer's data sheet.

DIMENSIONS (CM)	ARTICLE NUMBER	VERSION	PANELS	WEIGHT GROSS / NET
198 x 196	16006.040 + code	Curve Wall	2	100 / 70 kg
198 x 294	16006.041 + code	Curve Wall	3	150 / 110 kg
198 x 392	16006.042 + code	Curve Wall	4	180 / 140 kg
198 x 490	16006.043 + code	Curve Wall	5	220 / 180 kg
98 / 118 / 198 x full wall	16006.999 + code	Sharp Wall	Made to measure	On request

PET FELT	ARTICLE NUMBER	VERSION	WEIGHT PANEL 220 X 120 CM
Made to measure	11210.999SL	9 mm single layer	5.82 / 4.5 kg

05 Whiteboard wall configuration

Standard position of the whiteboard wall on the PET felt

VERSION	PANELS	BOTTOM EDGE OF WHITEBOARD ABOVE BOTTOM EDGE OF PET FELT
Curve Wall	Height 198 cm, width 98 cm per panel, 2 to 5 panels	20 cm
Sharp Wall landscape 98 cm	Height 98 cm, width per panel max. 198 cm	110 cm
Sharp Wall landscape 118 cm	Height 118 cm, width per panel max. 198 cm	100 cm
Sharp Wall portrait 118 cm	Height 198 cm, width per panel max. 118 cm	20 cm

The Sharp Wall panels are distributed evenly across the width of the wall. Whiteboard thickness 10 mm; 19 surface options (HG100, Projection, S200 to S214, C300, C301).

06 Mounting system

Certification	TÜV certified magnetic mounting system (TÜV Nederland QA, approval 2410-C-736), applies to the whiteboard panels
Mounting plates	Galvanised steel, 3 mm, 300 x 300 mm, with countersunk screw holes, 4 screws and plugs per plate, factory bonded to an anisotropic magnet (1.5 mm) with double sided tape
Whiteboard wall mounting	Magnetic overlay mounting: the whiteboard wall is mounted on the magnetic plates, which are backfilled at the back, with a 10 mm overhang above the PET felt
Fixing	Concealed and invisible; panels sit flush in front of the wall without slipping, tilting or visible fixing points
PET felt mounting	With adhesive directly on the wall; the initial tack remains flexible for final positioning of the panels. Adhesive not included: article number 51505.014 for smooth walls, 51505.007 for rough walls
Additional load	Maximum 1 kg of accessories per m² of whiteboard surface
Mounting aid	Use of glass lifters (article number 51508.010) recommended

Mounting plates and screws are to be dimensioned according to the size of the whiteboard wall; 4 screws and plugs per plate. Quantities per article are to be determined per project.

07 Sustainability

FSC	Core made of FSC certified wood (licence code FSC-C137061)
Production	In-house production in Geldrop (NL), surface visually inspected and finished by hand
Acoustic part	PET felt 100% recyclable, 50% recycled fibres
Manufacturer certifications	ISO 14001 and Ecovadis Gold

08 Warranty

2 years

Product warranty on construction, PET felt and mounting system

Lifetime

Warranty on writing and dry wiping of the whiteboard surface

09 Scope of delivery

Whiteboard panel(s), mounting plates, screws, plugs and mounting instructions (packed in a wooden crate with corrugated cardboard and polyethylene protective film); PET felt panels (packed in shrink wrap, corrugated cardboard and EPS edge protection, large orders loose on a pallet). Adhesive for the PET felt not included.

10 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 must be in full contact with the back of the panel; mounting plates must therefore be installed in line and level, and unevenness must be compensated with fill plates.

MANUFACTURER

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