SPECIFICATION

Tender specification: Chameleon Double Column Board

SHORT TEXT

Wall fixed board system with two independently, steplessly height adjustable boards between two aluminium double columns, ceramic steel, with chalk tray

LONG TEXT

Supply and installation of a board system of the Chameleon Double Column Board type (or equivalent) with two boards with a ceramic steel writing surface, guided one above the other on two aluminium double columns. The double columns are fixed to the wall and stand on the floor; the wall does not have to carry the weight of the boards. Both boards can be adjusted in height independently and steplessly and are kept in balance by counterweights.

01 Construction and materials, boards

Surface	Ceramic steel, 0.4 mm, Cradle to Cradle Bronze certified, indoor air quality certified to SCS-EC10.3-2014 v4.0
Core	Honeycomb 15 mm and MDF 3 mm
Backing	Galvanised steel sheet, 0.4 mm
Frame	White powder coated aluminium frame with white plastic corner connectors, watertight all round
Tray	White powder coated aluminium tray and chalk trough, 20 mm deep, across the full width of the board; prevents chalk dust from falling on the floor after wiping
Board thickness	21 mm
Properties	Magnetic and dry wipe, suitable for very intensive and continuous use

02 Construction and materials, columns

Column size	2900 x 117 x 162 mm (HxWxD), shorter columns optional
Material	White powder coated aluminium
Ageing of powder coating	EN ISO 16474-2 (xenon arc radiation, 1000 h): residual gloss at least 50%
Standards	Designed in accordance with NEN-EN 14434:2010

03 Mounting and height adjustment

Mounting	Between two double columns, wall fixing with screws, columns standing on the floor; rear of the columns 80 mm from the wall
Load bearing	The weight rests entirely on the floor; the wall does not carry the boards
Suspension	Boards are hung in the rail system of the columns and run on wheels
Height adjustment	Both boards independently adjustable over almost the full length of the columns, up to a height of 290 cm; counterweights keep the boards in balance
Distance between the columns	Outer dimension from column to column: board width plus 28 cm (for example board width 400 cm: 428 cm)

04 Surface and colours

Select one type

SURFACE	DESCRIPTION	MAX. PANEL SIZE
High Gloss (HG100)	Best selling whiteboard surface with a high gloss level, excellent visibility of markings. Whiteboard markers, dry wipe	1200 x 4000 mm
SatinTones (S200 to S214)	Matt ceramic steel surface (low gloss) in 15 subtle colours, readable from all angles. Whiteboard markers, dry wipe. S200 also suitable for projection	1200 x 4000 mm
Projection	Very matt, reflection free surface for the best possible image quality when projecting. Whiteboard markers, wet wipe	1200 x 4000 mm
Chalk (C300, C301)	Chalkboard surface, colour true and wear resistant, C300 Chalk Graphite and C301 Chalk Canopy. Chalk, dry wipe	1200 x 4000 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 and comparable to glass in hardness and flatness, with a lifetime warranty on writing and dry wiping.

05 Rulings (optional)

On High Gloss (HG100) and Chalk (C300, C301)

RULING	DIMENSIONS
Crosses 5 cm	Distance between crosses 50 mm
Crosses 10 cm	Distance between crosses 100 mm
Squares 5 cm	Square size 50 mm
Squares 10 cm	Square size 100 mm
Music lines	Distance between lines 25 / 25 / 25 / 25 / 120 mm
School year 1	Distance between lines 20 / 40 / 50 / 40 mm
School year 2	Distance between lines 20 / 30 / 40 / 30 mm
School year 3	Distance between lines 80 / 35 mm
School year 4	Distance between lines 100 mm

The surface quality is identical to the unprinted version, also with a lifetime warranty on writing and wiping. Music lines and school year 1 to 4: maximum board height 120 cm; boards smaller than that are cut from the surface, which results in an uneven distribution of the lines over the height.

06 Dimensions and articles

Dimensions in cm as height x width, as stated in the data sheet. The article number is to be completed with the code of the chosen surface. Maximum board size 1200 x 4000 mm. Custom sizes on request.

DIMENSIONS (CM)	ARTICLE NUMBER	WEIGHT GROSS / NET
120 x 400	17713.300 + code	282.40 / 257.00 kg
100 x 400	17706.300 + code	247.20 / 225.00 kg
120 x 300	17712.300 + code	229.60 / 209.00 kg
100 x 300	17705.300 + code	203.20 / 185.00 kg
120 x 250	17711.300 + code	203.20 / 185.00 kg
100 x 250	17704.300 + code	181.20 / 165.00 kg
120 x 200	17710.300 + code	176.80 / 161.00 kg
100 x 200	17703.300 + code	159.20 / 145.00 kg

Weights in kg as stated in the manufacturer data sheet (gross / net).

07 Mounting notes

When assembling the columns it is important that this is done in a horizontal position. A fully assembled column is lifted by two people and its lower end is carefully guided towards the floor and floor plate. The columns must stand completely level; the boards are installed only after the columns have been positioned correctly. Keep fingers away from the cabling during assembly to avoid pinching or damage. Tools according to the mounting guide: drill with 10 mm bit, cordless screwdriver, hex key 6, spanners 10 and 13, spirit level, tape measure.

08 Sustainability

Production	In-house production in Geldrop (NL), surface visually inspected and finished by hand
Manufacturer certifications	ISO 14001 and Ecovadis Gold

09 Warranty

2 years

Product warranty on construction and workmanship

Lifetime

Warranty on writing and dry wiping of the ceramic steel surface

10 Scope of delivery

Two boards, two aluminium double columns (2900 mm, shorter optional), fixing material and mounting guide. Packaging: boards in shrink wrap with corrugated cardboard and polypropylene edge protection (board size plus 8 cm, 6 cm high), columns in a cardboard box 325 x 20 x 12 cm, fixing material on pallet.

MANUFACTURER

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