SPECIFICATION

Tender specification: Chameleon Pebbles Acoustics

SHORT TEXT

Acoustic wall panel made of PET felt, 18 mm, pebble shaped, dyed through, magnetically mounted, removable

LONG TEXT

Supply and installation of loose acoustic wall elements of the Chameleon Pebbles Acoustics system (or equivalent) made of dyed through PET felt. The elements are fixed magnetically to the wall, hang without visible fixings and can be removed and relocated.

01 Construction and materials

Material	100% recyclable PET felt, 50% recycled fibres, dyed through
Material thickness	18 mm
Total thickness	Approx. 23.5 mm (including mounting hardware)
Construction	PET felt panel, approximately 18 mm thick; back of hot dip galvanised steel, 0.4 mm thick, with magnetic strips as mounting material
Shape	Pebble shape (organic), three shapes in sizes 118 x 88, 88 x 75 and 58 x 62 cm, also available as a set
Edge finish	Bevel cut edge, 3 mm

02 Acoustic properties

Values as stated in the manufacturer's data sheet.

MOUNTING	AW	SAA
Directly on the wall	0.45	0.59
With 50 mm air gap	0.75	0.74
With 100 mm air gap	0.80	0.74

Fire behaviour	Tested according to EN 13501: B-s1, d0 (the material thickness it applies to is not stated in the data sheet)

03 Colours

The PET felt is dyed through, the colour is also visible inside the optional cut-outs. Choice of 23 colours (P001 to P023): White P001, Dusty white P002, White marble P003, Calm grey P004, Rough grey P005, Black lava P006, Flat white P007, Hare P008, Canyon P009, Turmeric P010, Rust P011, Tree bark P012, Magma P013, Polar ice P014, Light blue quartz P015, Dusk P016, Pink rose P017, Garnet P018, Iguana P019, Ocean green P020, Anthracite P021, Urban green P022, Shadow green P023. The colour code is to be stated when ordering.

04 Designs (optional)

As standard the panel is produced without a pattern. Four V-groove patterns cut into the PET felt are optionally available: A04, A05, A10 and A13. V-groove 3 mm deep, approx. 6 mm wide. On request a logo cut-out in the house colours of the educational institution can be integrated.

05 Dimensions and articles

Standard sizes, colour of choice

Dimensions in cm as height x width. The set comprises the three pebbles 118 x 88, 88 x 75 and 58 x 62 cm (weights and magnetic strips equal the sum of the single parts). Order with the article number, followed by the colour code of the PET felt and optionally the cut-out code: [article number + colour code + cut-out code (optional)]. Weights gross / net in kg as stated in the manufacturer's data sheet.

DIMENSIONS (CM)	ARTICLE NUMBER	CUT-OUT CODE	WEIGHT GROSS / NET
Set (3 pebbles)	11208.321	A04, A05, A10, A13	10.58 / 9.55 kg
118 x 88	11208.322	A04, A05, A10, A13	5.42 / 4.90 kg
88 x 75	11208.323	A04, A05, A10, A13	3.33 / 3.00 kg
58 x 62	11208.324	A04, A05, A10, A13	1.83 / 1.65 kg

06 Mounting system

Fixing	Removable magnetic installation: magnetic strips are screwed to the wall, the panels are placed on the magnets thanks to the steel backing
Magnetic strips	50 x 300 mm, 3 mm thick, each with 2 screws 4 x 40 mm and 2 plugs Ø 6 mm
Properties	Easy and precise mounting, panels adjustable and alignable to each other; invisible mounting system with minimal gaps; removable, the product can easily be moved
Distance to wall	Air gap of 50 or 100 mm to the wall possible, see acoustic values

Contents per article

DIMENSIONS (CM)	ARTICLE NUMBER	MAGNETIC STRIPS	SCREWS	PLUGS
Set (3 pebbles)	11208.321	13	26	26
118 x 88	11208.322	6	12	12
88 x 75	11208.323	4	8	8
58 x 62	11208.324	3	6	6

Screws and plugs: 2 pieces per magnetic strip, totals calculated from the manufacturer's mounting guide.

07 Packaging and scope of delivery

Scope of delivery	1 Pebbles Acoustics acoustic panel, mounting guide, magnetic strips with screws and plugs
Packaging	Shrink film, corrugated cardboard and EPS shock absorbers; panel dimensions plus 3 cm width, 3 cm depth and 4 cm height; large orders in bulk on pallets

08 Cleaning and maintenance

According to the manufacturer's maintenance instructions (not applicable to printed PET felt). Loosen dust and dirt with a soft brush and vacuum. Light stains: blot spills immediately, apply a mild cleaning solution or soapy water with a hand spray without saturating the surface, allow to air dry. Stubborn stains: blot from the outside inwards with a damp lint free cloth, do not rub, remove residues with a damp cloth. Creases can be smoothed with an iron at the highest setting with baking paper in between.

09 Sustainability

Material	100% recyclable PET felt with 50% recycled fibres
End of life	Reuse and passing on is recommended; dismantling and recycling according to applicable regulations

10 Warranty

2 years

Product warranty

11 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 magnetic strip. The magnetic surface of the strips must be in full contact with the back of the panel; strips must therefore be mounted in line and in one plane, unevenness compensated with spacers and checked with a spirit level. The outlines of the panels are to be marked on the wall with a pencil before mounting.

MANUFACTURER

Smit Visual B.V., Chameleon Writing, Spaarpot 120-122, 5667 KZ Geldrop (NL), or equivalent.