SPECIFICATION

Tender specification: Chameleon 18 mm Creative Education Panels

SHORT TEXT

Acoustic wall panel made of two layers of 9 mm PET felt (18 mm), dyed through, with V-cut pattern, pinnable, mounted with hook and loop fastener, reusable

LONG TEXT

Supply and installation of an acoustically effective patterned wall made of panels of the Chameleon 18 mm Creative Education Panels system (or equivalent). The panels consist of two layers of 9 mm PET felt; the cut-outs in the top layer reveal the layer underneath. Installation is tool free with hook and loop fastener on a smooth wall, the panels are removable and reusable.

01 Construction and material

Material	100% recyclable PET felt (50% recycled fibres), dyed through
Properties	Acoustic and pinnable
Construction	Two layers of 9 mm PET felt, panel thickness approx. 18 mm; hook and loop fastener approx. 3.3 mm thick
Total thickness	Approx. 21.3 mm (including mounting material)
Cut-out	Pattern with 14 mm deep V-cut at a 30 degree angle, the lower layer becomes visible
Edges	Finished with bevel cut

02 Acoustic properties

MOUNTING	AW (ISO 11654)	SAA (ASTM C423)
Directly on the wall	0.45	0.59
50 mm air gap	0.75	0.74
100 mm air gap	0.80	0.74

Values as stated in the manufacturer's data sheet.

03 Fire behaviour

Tested according to EN 13501: B-s1, d0 (data sheet states 9 mm).

04 Colours

Choice of 23 dyed through 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 combination of top and bottom layer creates a play of colour. State the colour codes when requesting a quote and when ordering.

05 Patterns

Five cut-out patterns are available (EP01 to EP05), each pattern has its own article number. On request a logo cut-out in the house colours of the educational institution can be integrated.

06 Dimensions and articles

Dimensions in cm as height x width. Each article contains four panels of 118 x 58 cm (total 2.74 m²). Gross / net weights per article as stated in the manufacturer's data sheet (manufacturer data, approximate values).

SIZE (CM)	ARTICLE NUMBER	CUT-OUT CODE	PANELS	WEIGHT GROSS / NET
118 x 58 (2.74 m²)	11210.180	EP01	4	± 11 kg / ± 10 kg
118 x 58 (2.74 m²)	11210.181	EP02	4	± 11 kg / ± 10 kg
118 x 58 (2.74 m²)	11210.182	EP03	4	± 11 kg / ± 10 kg
118 x 58 (2.74 m²)	11210.183	EP04	4	± 11 kg / ± 10 kg
118 x 58 (2.74 m²)	11210.184	EP05	4	± 11 kg / ± 10 kg

Order details: article number + colour code of the PET felt.

07 Mounting system

Mounting method	Hook and loop fastener with self adhesive strips on the back of the panel, tool free, on almost any smooth wall
Installation	Remove the protective film of the Velcro adhesive strips, place the panel on the wall and press, repeat for the remaining panels
Curing	After mounting let the panels hang for at least 30 minutes, after this the Velcro adhesive has hardened enough to detach and reposition the panels if necessary
Fitting pieces	Cut with a sharp utility knife along a long spirit level or ruler in several passes without heavy pressure. First check that the pattern continues into the adjacent panel
Tools	Spirit level and utility knife

Note: the mounting guide does not state the number of Velcro strips per panel.

08 Care

Not applicable to printed PET felt (manufacturer's maintenance instructions for PET felt).

Dust and dirt	Loosen with a soft bristled brush without heavy pressure, then vacuum
Light stains	Remove loose dirt first, blot spills at once, apply a mild cleaning solution or soapy water with a hand sprayer, do not saturate the surface, allow to air dry
Stubborn stains	Dampen a lint free cloth with mild cleaning solution or soapy water, blot the stain from the outside inwards without rubbing, remove residue with a dry cloth and then a damp cloth, allow to air dry. If the stain remains: use a cleaner suitable for upholstery or carpet fabrics following the label
Creases	Smooth with an iron on the highest setting, place baking paper over the felt, glide slowly and evenly

09 Sustainability

Material	100% recyclable PET felt with 50% recycled fibres
Reuse	Panels are removable and reusable, according to the manufacturer without permanent damage to walls or panels

10 Warranty

2 years

Product warranty

11 Scope of delivery and packaging

4 Creative Education Panels and mounting instructions per article, mounting material (hook and loop fastener) attached to the panel. Packaging: 1 carton of corrugated cardboard and bubble wrap, dimensions approx. 210 x 620 x 1220 mm.

12 Execution

The substrate must be smooth, load bearing, clean and free of grease. Installation as per manufacturer's instructions, arrangement and pattern as per design.

MANUFACTURER

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