SPECIFICATION

Tender specification: Chameleon Creative V-Layer Panels

SHORT TEXT

Acoustic wall panels made of PET felt, 18 mm, dyed through, with V-cut pattern, velcro mounting

LONG TEXT

Supply and installation of acoustic PET felt wall panels of the Chameleon Creative V-Layer Panels system (or equivalent), size 118 x 58 cm, in 10 designs, consisting of two bonded 9 mm layers, with freely selectable front and back colours and velcro fixing.

01 Material and construction

Material	100% recyclable polyethylene terephthalate (PET), with 50% recycled fibres, dyed through
Construction	Two bonded 9 mm PET felt layers, PET felt panel approx. 18 mm thick, total thickness approx. 21.3 mm including suspension hardware (velcro approx. 3.3 mm)
Properties	Acoustic
Pattern	V-cut pattern, 14 mm deep, at an angle of 30 degrees (codes VL01 to VL10)
Edges	Finished with a bevel cut

02 Acoustic performance

Values according to the manufacturer's data sheet (αw weighted sound absorption coefficient, SAA Sound Absorption Average).

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

03 Fire behaviour

Classification according to EN 13501: B-s1, d0 (value refers to 9 mm material).

04 Colours

Choice of 23 dyed-through colours (colour codes P001 to P023, with a strong representation of grey and brown tones): 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.

Front and back colours can be selected separately. In the request for a quotation or order, state the colour code of the front layer first, followed by the colour code of the back layer: [article number + colour front + colour back].

05 Dimensions and articles

Dimensions in cm as height x width.

Each article contains 4 panels of 118 x 58 cm (together 2.74 m²). Weights gross / net in kg per article (4 panels) according to the manufacturer's data sheet, approximate values.

SIZE (CM)	ARTICLE NUMBER	CUT-OUT CODE	PANELS PER ARTICLE	WEIGHT GROSS / NET
118 x 58	11210.160	VL01	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.161	VL02	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.162	VL03	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.163	VL04	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.164	VL05	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.165	VL06	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.166	VL07	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.167	VL08	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.168	VL09	4 panels (2.74 m²)	approx. 11 / approx. 10 kg
118 x 58	11210.169	VL10	4 panels (2.74 m²)	approx. 11 / approx. 10 kg

06 Mounting system

Fixing method	Velcro, approx. 3.3 mm thick, self-adhesive velcro strips with protective film on the back of the panel
Installation	Remove the protective film of the velcro strips, place the panel on the wall and press firmly, repeat for the remaining panels
Curing time	After mounting, allow the panels to hang for at least 30 minutes; after that the velcro adhesive has hardened enough for panels to be detached and repositioned if necessary
Fitting pieces	The pattern of a fitting piece must merge with the pattern of the adjacent panel; cut with a sharp utility knife along a long spirit level or ruler in several strokes, without pressing too hard
Tools	Spirit level, utility knife

07 Cleaning and maintenance

According to the manufacturer's maintenance instructions for Chameleon PET felt; not applicable to printed PET felt.

Dust and dirt	Loosen embedded dust with a soft brush without applying much pressure and remove with a vacuum cleaner
Light stains	Blot spilled liquids immediately, apply a mild cleaning solution or soapy water with a hand spray bottle, do not saturate the surface, allow to air dry
Stubborn stains	Dampen a lint-free cloth with a mild cleaning solution or soapy water, blot the stain from the outside inwards without rubbing, remove residues with a dry cloth and then a damp cloth, allow to air dry. If needed, use a cleaner suitable for upholstery or carpet fabrics following the label
Creases	Smooth creases in the PET felt with an iron on its highest setting, placing baking paper over the felt

08 Sustainability

Recycling	100% recyclable polyethylene terephthalate (PET), with 50% recycled fibres
Manufacturer	Smit Visual B.V., Geldrop (NL)

09 Warranty

2 years

Warranty according to the manufacturer's data sheet

10 Scope of delivery

4 panels with velcro and assembly manual per packaging unit.

Type	Cardboard
Contents	4 Chameleon Creative V-Layer Panels, assembly manual
Packaging unit	1 box
Materials	Corrugated cardboard, bubble wrap
Dimensions	approx. 210 x 620 x 1220 mm

11 Execution

Installation according to the manufacturer's mounting guide. Arrangement and layout pattern as specified by the design; the patterns of adjacent panels are to be matched at the joints.

MANUFACTURER

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