SPECIFICATION

Tender specification: Chameleon Sharp Wall Acoustics

SHORT TEXT

Wall filling acoustic panel made of 9 mm PET felt, dyed through, mounted with adhesive kit on the wall, with straight edges and square corners, optional V-groove pattern

LONG TEXT

Supply and installation of a wall filling, acoustically effective wall surface made of panels of the Chameleon Sharp Wall Acoustics system (or equivalent). The wall consists of several panels joined together in a fixed overall size, with straight edges and square corners. Installation is over the full surface with mounting adhesive kit directly on the wall.

01 Construction and material

Material	100% recyclable PET felt (50% recycled fibres), dyed through
Material thickness	9 mm
Property	Acoustic
Edge finish	Bevel cut edge, 3 mm
Corners	Square

02 Acoustic properties

MOUNTING	AW (ISO 11654)	SAA (ASTM C423)
Directly on the wall	0.25	0.30
50 mm air gap	0.55	0.70
100 mm air gap	0.75	0.76

Values as stated in the manufacturer's data sheet.

03 Fire behaviour

Tested according to EN 13501: B-s1, d0.

04 Colours

Choice of 23 dyed through colours, colour codes P001 to P023, with a strong share of grey and brown shades: 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 colour code is to be stated when requesting a quote and when ordering.

05 Patterns

As standard the panel is made without a pattern. Optionally V-groove patterns can be cut into the PET felt (cut-out codes A09, A10, A11, A12, A13). V-groove: approx. 6 mm wide, 3 mm deep. 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. Gross / net weights in kg as stated in the manufacturer's data sheet (manufacturer data).

SIZE (CM)	ARTICLE NUMBER	PANELS	WEIGHT GROSS / NET
198 x 236	11210.201	2	11.34 kg / 9.00 kg
198 x 354	11210.202	3	17.01 kg / 13.50 kg
198 x 472	11210.203	4	22.68 kg / 18.00 kg
198 x 590	11210.204	5	28.08 kg / 22.50 kg

Single panel 198 x 118 cm (derived from total width and number of panels).

Order details: article number + colour code of the PET felt + optional cut-out code.

07 Mounting system

Mounting method	Full surface bonding with mounting adhesive kit directly on the wall, kit not included in the delivery
Kit per wall structure	Smooth wall: article 51505.014. Rough wall: article 51505.007
Substrate	Back wall completely clean and free of grease
Application	Apply the kit evenly over the whole back of the panel in vertical lines (not dots) with the supplied nozzle, 10 to 20 cm apart
Sequence	Mark the position on the wall in pencil first, start with a side panel, join the remaining panels as tightly as possible, slight adjustment is possible as long as the kit has not dried too much
Cut-outs	Functional cut-outs (e.g. sockets, screens) are cut on site with a sharp knife in several passes, for sockets add 4 mm play all round

Note: the mounting guide does not state kit quantities per article.

08 Care

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

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
End of life	Pass on for reuse or dispose of according to applicable regulations, the materials are recyclable

10 Warranty

2 years

Product warranty

11 Scope of delivery and packaging

Panels of the selected wall size, mounting instructions. Mounting kit not included. Each panel is packed individually in shrink film with corrugated cardboard and EPS bumpers (1 unit per panel), for large orders on pallet. Package size: panel size + 4 cm all round, total thickness approx. 3 cm.

12 Execution

The substrate must be load bearing, clean and free of grease; choose the kit according to the wall structure. Installation as per manufacturer's instructions, arrangement as per design.

MANUFACTURER

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