e-Panel Screens

Technical Specifications

Hexagons
Red, Charcoal, White
(Pack of 12)

Hexagons
Khaki, Orange, Deep
Grey, Dark Camel,
Charcoal
(Pack of 20)

Each Hexagon size is 300mm x 345mm

e-Panel Screens
TECHNICAL SPECIFICATIONS

Technical Data

Material Composition	45% posted industrial polyester and 55% melted fibre
Fusion Point	255-260ºC
High heat distortion temperature	135ºC
Ultimate elongation	25-40%
Standard panel thickness	12mm
Stiffness (facade testing)	65-70 (shore durometer)
NRC (noise reduction coefficient)	0.75 with 100mm cavity, 0.65 with 50mm cavity (ISO354-2006)

An entirely new kind of screen panel

Made from 100% Polyester
3D crimp staple fibre and recycled PET

No glue or adhesives
Melted PET filaments jointed together

Structurally rigid
Combed filament with needle punched

Water resistant
Low water permeability and moisture absorption

Impact resistant
Horizontal and vertical fibres intertwined together

Fire retardant
ASTM E84 testing at 43

Great Acoustical performance
NRC rating 0.8 with cavity

Formadehyde free
No toxic, no odor, low VOC

Health
No risk of skin irritation or respiratory problems

Pinnable surface
Flexible facade finishing with pinnable surface

Bacteria and fungi resistant
Heat treatment up to 200 degrees

10 year durability guarantee
Stable PET material and panel structure

Recycled & Recyclable
Low carbon and environmentally friendly

Maintenence

Simply vacuum or use a damp cloth to clean the surface. Do not use harsh cleaning chemicals.

These are glue-less panels for installation you need to apply glue or other means such as double sided tape etc...