

e-Panel Screens

Technical Specifications

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TECHNICAL SPECIFICATIONS

Technical Data

Material Composition	45% posted industrial polyester and 55% melted fibre
Fusion Point	255-260°C
High heat distortion temperature	135°C
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

Formaldehyde 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

Maintenance

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