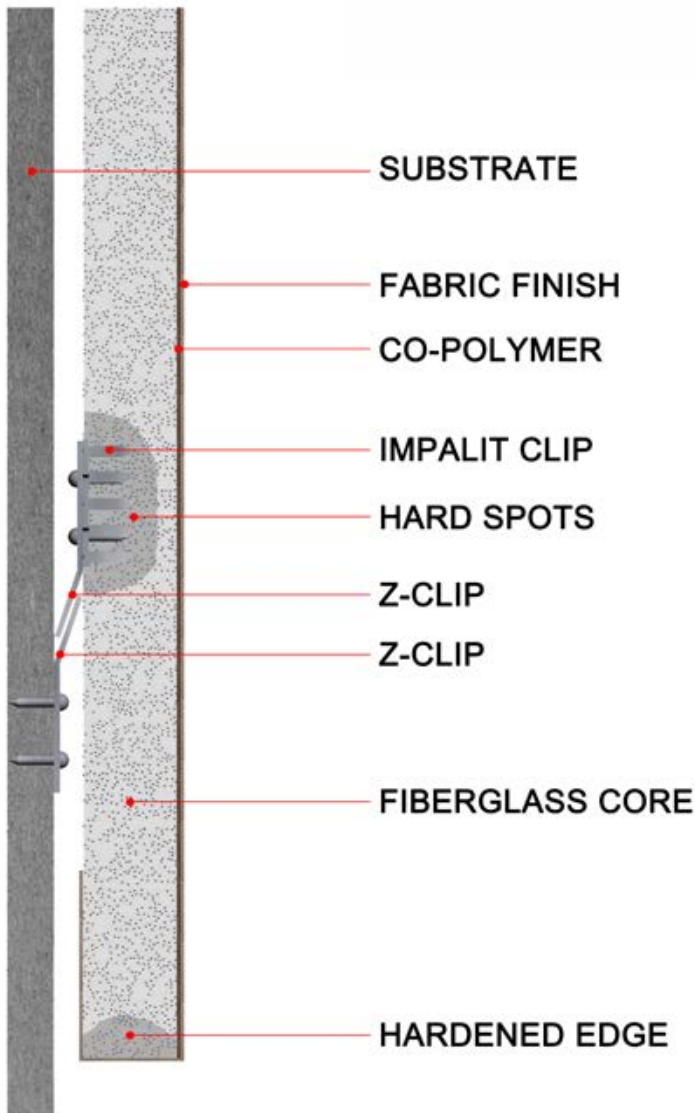




soundconcepts

HIR 4 – Extreme

Impact Resistant
Acoustical Wall Panels



HIR 4 – Extreme Provides

- Suitable for use in sport, educational, institutional and public areas that receive severe abuse. The abuse resistant, perforated co-polymer shield protects the panel construction
- Extensive finish options available in PRINTS, polyesters, olefins, polyolefins, polypropylenes and Xorel fabrics plus vinyls and COM

LEED Credits

- MR Credit 4.1 = 1 point
- MR Credit 4.2 = 1 point
- EA Credit 1 = 1 to 10 points
- EQPR3 Prerequisite
- EQ Credit 7.1 = 1 point
- EQ Credit 9 = 1 to 2 points
- EQ Credit 10 = 1 point

Sustainable Fiberglass Core

- 50% post-consumer recycled glass
- Manufactured in Shelbyville, IN

Hardened

Hardened, square edges



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Specifications

Section 09 83 19
Acoustical Wall Panels

Materials

6 pcf fiberglass cores with an impact resistant co-polymer shield are inert, non-combustible, dimensionally stable and fully upholstered fabric with heat sealed corners

Configurations

Flat

Fire

ASTM E 84 all components are Class A

Corner

Square

Shape

Rectangular + custom

Size

Up to 47-3/4" x 120" + custom

Edge

Hardened square,
aluminum + custom

Acoustics

Description	hz	125	250	500	1000	2000	4000	NRC
1-1/16"		0.12	0.39	0.91	1.03	0.99	0.99	0.85
2-1/16"		0.33	0.71	1.23	1.29	1.22	1.24	1.10

Tested per ASTM C-423 in a type A mounting with unbacked, acoustically transparent panel fabric and co-polymer perforation pattern – 25% open area, 3/32", 3/16" OC, 60° staggered. Custom perforations pattern will change the acoustical performance

Sustainable

Extraction points for the raw materials used to produce fiber glass insulation in Shelbyville, IN are at soundconceptscan.com

Finish

Tested per ASTM C-423 in a type A mounting with unbacked, acoustically transparent panel fabric and co-polymer perforation pattern – 25% open area, 3/32", 3/16" OC, 60° staggered. Custom perforations pattern will change the acoustical performance

Mounting

1-1/6" panels – IMPALIT CLIP, z-bar/z-clip, z-clip/z-clip
2-1/16" panels – z-bar/z-clip, z-clip/z-clip

Limitation

HIR-4 EXTREME IMPACT RESISANT panels are not intended for use in harsh environments such as exteriors, kitchens, food processing, food preparation and cleanrooms The use of acrylic backed fabrics will reduce the acoustical performance of the panel

