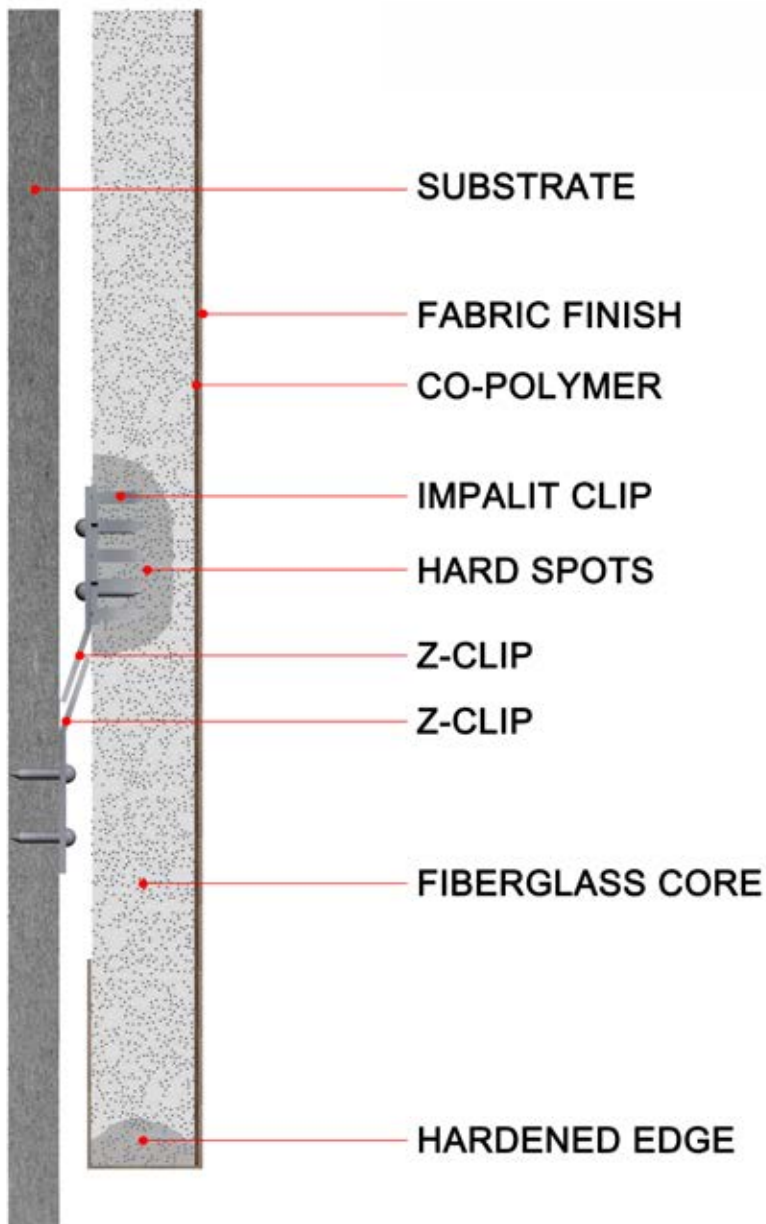




HIR 4-EXTREME

Impact Resistant Acoustical Wall Panels



- 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
- Hardened, square edges
- Sustainable fiberglass core attributes
 - 50% post-consumer recycled glass
 - Manufactured in Shelbyville, IN
- 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

PRODUCT DATA



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																											
SUSTAINABLE	Extraction points for the raw materials used to produce fiber glass insulation in Shelbyville, IN are at soundconceptscan.com																											
FIRE	ASTM E 84 all components are Class A																											
ACOUSTICS	<table><thead><tr><th>Description</th><th>hz</th><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th><th>NRC</th></tr></thead><tbody><tr><td>1-1/16"</td><td></td><td>0.12</td><td>0.39</td><td>0.91</td><td>1.03</td><td>0.99</td><td>0.99</td><td>0.85</td></tr><tr><td>2-1/16"</td><td></td><td>0.33</td><td>0.71</td><td>1.23</td><td>1.29</td><td>1.22</td><td>1.24</td><td>1.10</td></tr></tbody></table> <p>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</p>	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
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EDGE	hardened square, aluminum + custom																											
CORNER	square																											
SHAPE	rectangular + custom																											
SIZE	up to 47-3/4" x 120" + custom																											
CONFIGURATION	flat																											
MOUNTING	1-1/16" panels - IMPALIT CLIP, z-bar/z-clip, z-clip/z-clip 2-1/16" panels - z-bar/z-clip, z-clip/z-clip																											
FINISH	PRINTS, polyesters, olefins, polyolefins, polypropylenes and Xorel fabrics plus vinyls and COM																											
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																											



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