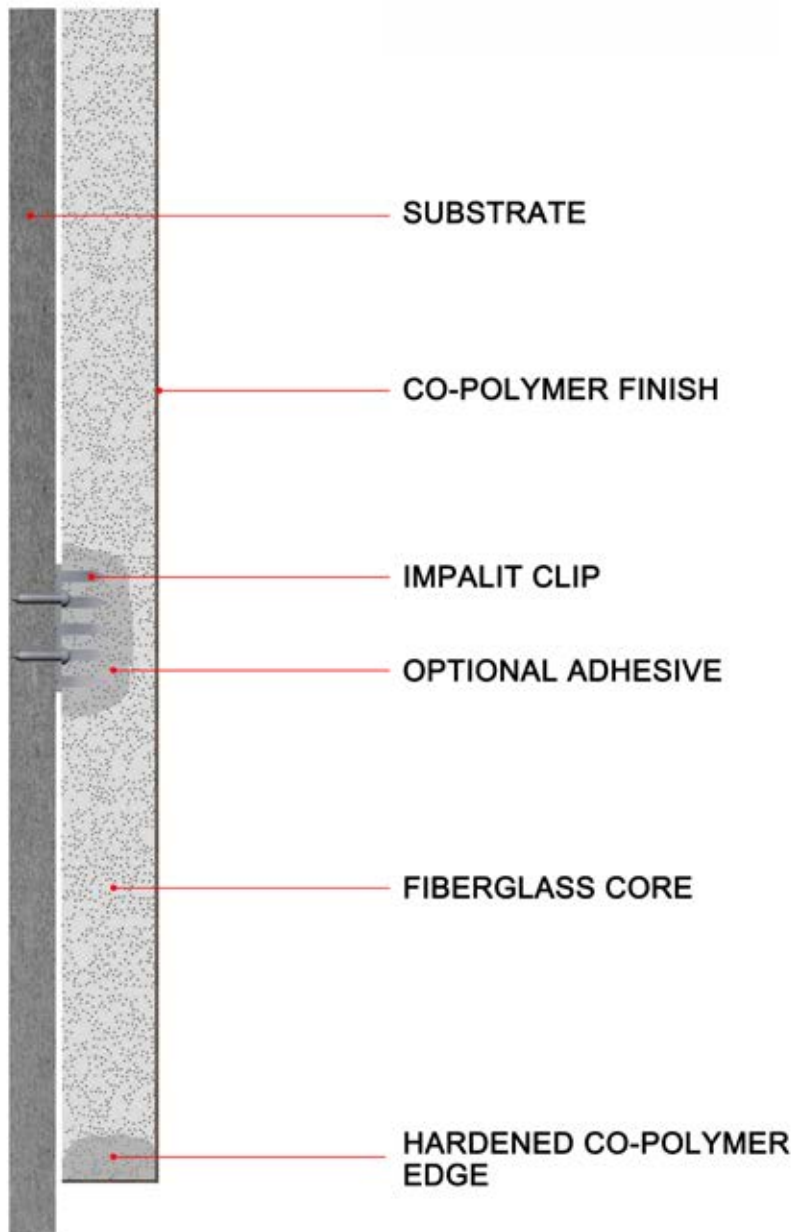




HIR 3 - SUPER

Impact Resistant Acoustical Wall Panels



- Suitable for use in sport, educational, institutional and public areas that receive severe abuse. The abuse resistant, co-polymer shield protects the panel construction and provides a low maintenance finish
- Extensive co-polymer finish options available: Standard - Cream, Vapor, Pewter and Black with custom options that include 7 additional textures, wood grains, metallics, pearlescents finishes and custom perforation patterns with minimum order and extended lead times
- Harden, square edge panels are standard and concealed extruded aluminum edging optional
- 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 and dimensionally stable

FIRE

ASTM E 84 all components are Class A

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 co-polymer perforation pattern – 25% open area, 3/32", 3/16" OC, 60° staggered. Custom perforations pattern will change the acoustical performance

EDGE

square, hardened co-polymer, aluminum + custom

CORNER

square

SHAPE

rectangular + custom

SIZE

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

CONFIGURATION

flat

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

FINISH

co-polymer standard stock colors form our color pallet. The entire Kydex 150 pallet is available with extended lead time and minimum order requirements



LIMITATION

HIR-3 SUPER IMPACT RESISANT panels are not intended for use in harsh environments such as exteriors, kitchens, food processing, food preparation and cleanrooms



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