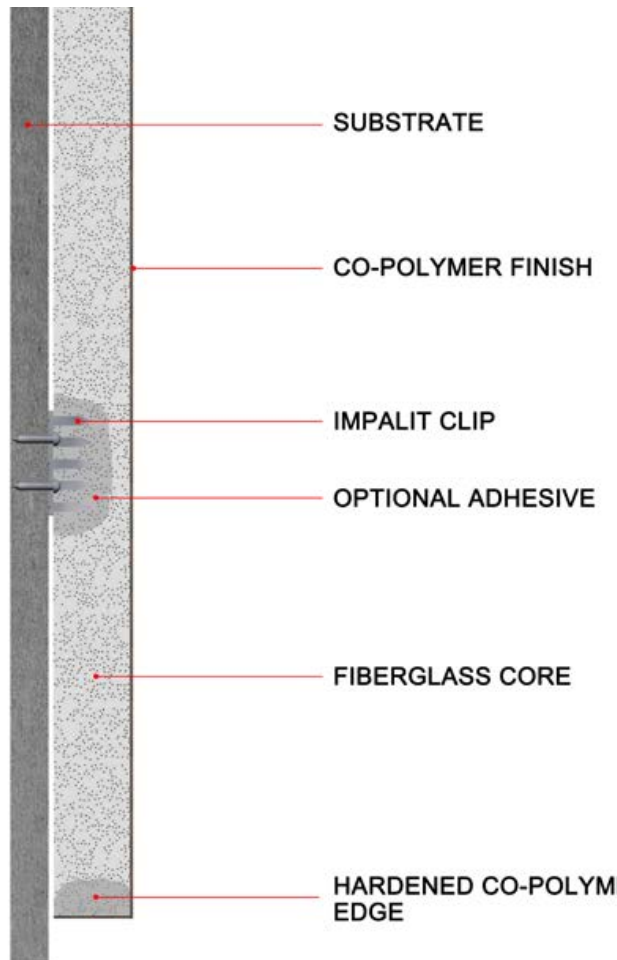




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HIR 3 – Super

Impact Resistant
Acoustical Wall Panels



HIR 3- Super Provides

- 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: with custom options that include 7 additional textures, wood grains, metallics, pearlescents finishes and custom perforation patterns with minimum order and extended lead times 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

Harden

Harden, square edge panels are standard and concealed extruded aluminum edging optional

Sustainable Fiberglass Core

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



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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 and dimensionally stable

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

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

Finish

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

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

