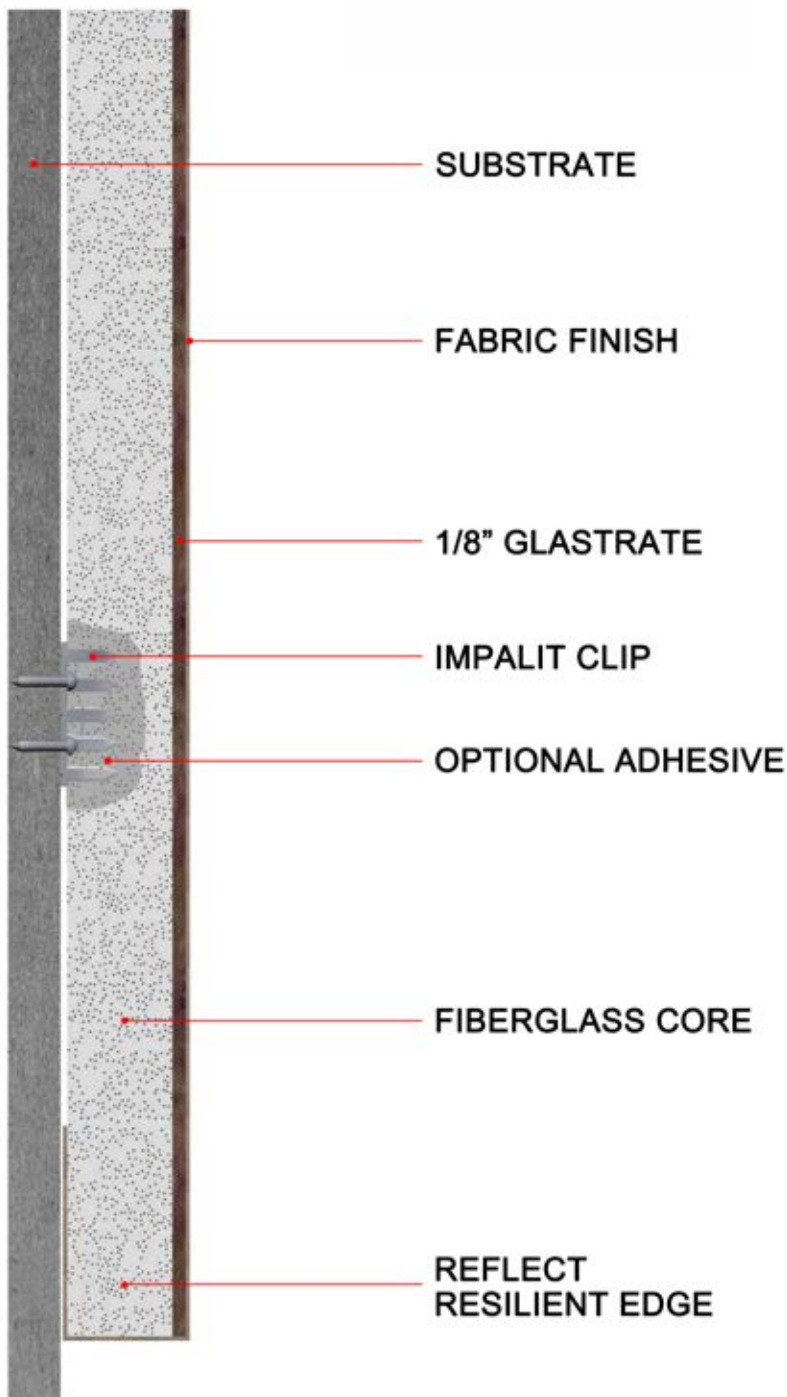




HIR 1 - HIGH

Impact Resistant Acoustical Wall Panels



- Suitable for use in corporate and educational areas that receive normal abuse, need tackable surfaces or will be finished with a light weight low texture fabric
- Extensive finish options available in EUROMAT and EUROMATALLIC coatings, polyesters, olefins, polyolefins, polypropylenes and Xorel fabrics plus vinyls and COM
- REFLECT resilient or hardened edges in square, bevel, chamfer, pencil radius, bullnose + custom configurations
- 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 a 1/8" high density GLASTRATE surface are inert, non-combustible, dimensionally stable and fully upholstered with heat sealed corners

FIRE

ASTM E 84 all components are Class A

ACOUSTICS

| Description | hz | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
|-------------|----|------|------|------|------|------|------|------|
| 1-1/8" | | 0.09 | 0.50 | 0.99 | 1.13 | 1.08 | 1.96 | 0.95 |
| 1-5/8" | | 0.23 | 0.64 | 1.16 | 1.16 | 1.14 | 1.02 | 1.05 |
| 2-1/8" | | 0.32 | 0.91 | 1.09 | 1.14 | 1.02 | 1.98 | 1.05 |

Tested per ASTM C-423 in a type A mounting with unbacked, acoustically transparent panel fabric

EDGE

Profile: square, bevel, chamfer, pencil radius, bullnose + custom

Construction: REFLECT resilient standard with optional hardened and aluminum edges

CORNER

square, radius + custom

SHAPE

rectangular + custom

SIZE

up to 48" x 120" + custom

CONFIGURATION

flat, curved, flexible

MOUNTING

IMPALIT CLIP, ROTOFAST, z-bar/z-clip, z-clip/z-clip, adhesive, magnetic

FINISH

EUROMAT and EUROMATALLIC coatings, PRINTS, polyesters, olefins, polyolefins, polypropylenes and Xorel fabrics plus vinyls and COM

LIMITATION

HIR-1 HIGH IMPACT RESISTANT panels are not intended for use in harsh environments such as exteriors, kitchens, food processing, food preparation and cleanrooms

EUROMAT and EUROMATALLIC coatings are not designed for use in the occupied space and should be restricted to wall applications above 10'

The use of acrylic backed fabrics will reduce the acoustical performance of the panel



soundconcepts
Making your ideas resonate

599 Henry Avenue
Winnipeg, Manitoba
Canada R3A 0V1
p: 866.525.4496 / 204.783.6297 • f: 204.783.7806
e: customerservice@soundconceptscan.com
w: www.soundconceptscan.com