**Multi-Unit Residential Building (MURB) Systems | Firewall Solutions**

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**AirRenew Essential**

AirRenew Essential uses an innovative patent pending technology to actively clean air. This advanced gypsum board captures and transforms formaldehyde into inert compounds, and never re-emits them into the air.

**M2Tech Shaftliner**

M2Tech technology combines a specially formulated, fire resistive noncombustible core, enclosed in a moisture and mould resistant paper which is 100% recycled with double beveled edges for ease of installation. M2Tech achieves a score of 10 for mould resistance as per ASTM D3273, the best possible scores for these tests.

**GlasRoc Shaftliner**

GlasRoc Shaftliner is designed for shaftwall and firewall systems in multi-storey buildings and multi-family residential applications. GlasRoc Shaftliner has a specially formulated, fire resistive, noncombustible, and moisture resistant core with a reinforcing glass mat and a protective acrylic coating on the exterior surface.

**SilentFX QuickCut**

SilentFX QuickCut is an enhanced noise-reducing gypsum and sound-dampening viscoelastic polymer, combined in one board to reduce sound transmission between adjoining spaces. Ideal for systems requiring high STC performance, SilentFX QuickCut has an enhanced acoustical STC rating of 70 and greater in firewall systems. Refer to our Gypsum Board Systems Manual for more detail. The product is also mould resistant and available in Type X for enhanced fire resistance.

**CertainTeed Sustainable Insulation**

CertainTeed Sustainable Insulation is made of fiberglass that consists of rapidly renewable content, a high percentage of recycled glass, and a new plant-based binder that has no formaldehyde, harsh acrylics, dyes or unnecessary fire retardants added.
Benefits of M2Tech or GlasRoc Shaftliner for Firewalls

- Numerous fire-rated assembly designs for safety and performance
- Firewall ratings of two hours with high STC
- Offers the advantage of fire resistance and noise attenuation between adjoining housing units.
- Resists mould growth per ASTM D3273
- Economical and efficient installation
- Rapid ease of installation reduces overall construction time and provides a cost effective system
- Lightweight construction. Scores and snaps easily with no special handling or tools required
- ULC Listed and UL/cUL Classified for Fire Resistance per CAN/ULC-S101 and Surface Burning Characteristics per CAN/ULC-S102
- 20.7 m (68') Limiting Height

FIRE RESISTANCE RATING: 2h — EXPOSED TO FIRE FROM EITHER SIDE

System WAH261
STC 61

Thickness: 292 mm (11-1/2")
Weight: 65 kg/m² (13 psf)
Fire: ULC W311
ITS Report No. 100260628SAT-006A, 006B
Sound: RAL-TL00-176

Note: STC 70 when 12.7 mm (1/2") SilentFX® QuickCut™ gypsum is used on one side (NOAL 17-1134).

Learn more at www.certainteed.ca/drywall. For innovative solutions for your sustainable projects please visit www.certainteed.ca/building-science/ frequently or better yet bookmark it.

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