



The ROCKWOOL Building Science team (RBS) provides services and resources for architects, designers and specifiers to assist in optimizing the thermal efficiency and durability of your building design, reaching far beyond insulation.



www.ROCKWOOL.com



Building Science Support

- Building science expertise & resources
- Educational seminars & architectural/site visits
- Envelope detailing & material specifications



R-Value Calculations

- Codes & standards compliance evaluations
- Effective thermal performance calculations
- Heat transfer modeling



Thermal Bridging Modeling

- 2D & 3D thermal modeling (THERM/HEAT3)
- Overall U-value analysis
- Insulation detailing review



Heat, Air & Moisture Transfer Modeling

- 1D transient hygrothermal analysis (WUFI)
- Dew point calculations



Full Building Modeling

- Building energy modeling (Design Builder)
- Building envelope sensitivity analysis

The ROCKWOOL Technical Support team provides multi-disciplined product and application support to assist in solving your design and constructability challenges.

ROCKWOOL's Building Science and Technical teams believe that design freedom goes hand-in-hand with sustainability, energy efficiency, durability, resiliency and constructability; therefore, it is essential that these factors are considered and

incorporated at any stage of your project. Whether new construction or retrofit, ROCKWOOL is committed to supporting you to ensure that the highest performance is achieved without sacrificing other design priorities.



Technical Support

- Product & design specifications
- Codes & standards compliance
- Fire & acoustic expertise
- Installation guidelines

Building Science Team Contact

Antoine Habellion, M.Eng., M.A.S.
Building Science Manager
T (905) 875-5751 C (905) 691-0875
antoine.habellion@rockwool.com

Vincent Chiu, M.A.Sc., LEED AP BD+C
Building Science Specialist
T (905) 875-5789 C (905) 875-5230
vincent.chiu@rockwool.com

**For assistance with your design contact
our team at 1-877-823-9790**