

## NZTAP MANUFACTURER CASE STUDY

### MANUFACTURER BACKGROUND

At the ROCKWOOL Group, we are committed to enriching the lives of everyone who comes into contact with our solutions. Our expertise is perfectly suited to tackle many of today's biggest sustainability and development challenges, from energy consumption and noise pollution to fire resilience, water scarcity and flooding. Our range of products reflects the diversity of the world's needs, while supporting our stakeholders in reducing their own carbon footprint. Stone wool is a versatile material and forms the basis of all our businesses. With more than 11,000 employees in 39 countries, we are the world leader in stone wool solutions, from building insulation to acoustic ceilings, external cladding systems to horticultural solutions, engineered fibres for industrial use to insulation for the process industry and marine and offshore.



### WHAT IS IT?

Mineral wool insulation product composed of stone wool. Stone wool is fiber insulation made by melting predominantly rock.

#### ROCKWOOL Comfortboard® Continuous insulation

- Non-structural thermal insulation in non-fire-resistive rated dwellings
- Exterior perimeter insulation around foundation
- Under flat concrete slab
- A component of residential wood-framed cathedral ceilings

#### ROCKWOOL Comfortbatt® Thermal Batt insulation

- Exterior walls
- Cathedral ceilings & Attics
- Basement walls
- Exposed floors & Heated crawl spaces

#### ROCKWOOL Safe'n'Sound® Fire and Soundproofing Insulation

- Interior partitions walls
- In ceilings between floors



## INSTALLATION

Above ground wall insulation and interior basement wall insulation is generally installed by the builders' framer contractors. Detailed sequential installation instructions can be found on the ROCKWOOL website. Training is available for builders and their trades as part of the ROCKWOOL Elite Builders Program.

## STANDARDS & CERTIFICATIONS

All products meet all applicable Canadian standards. The products also meet the following third-party certifications.



## BENEFITS AND COSTS

In its manufactured state, stone wool delivers unique benefits as an insulation solution.

- Fire Resistant
  - Excellent fire barrier for enhanced safety and protection
  - Will not burn, develop smoke or promote the spread of flames
  - Withstands temperatures up to 1177°C (2150°F)
- Water Repellent
  - Will not absorb water or hold moisture inside wall cavities
  - Will not support the growth of mildew, mold or bacteria
  - R-value is not compromised
  - Promotes a healthy, safe and comfortable interior living environment
- Sound Absorbent
  - Creates 1000's of tiny pockets that trap sound waves
  - Significantly reduces sound transmission between rooms for a quieter, more comfortable home
  - Can reduce up to 8x the perceived impact noise coming from the floor above when insulating your floor with ROCKWOOL stone wool
- Thermally Efficient High-Density Batts
  - Reduces convective losses, maximizing effective R-value
  - Creates a snug friction fit between wall studs that won't slump or sag
  - Cuts well around switches, outlets, wire and pipes for a better fit
- Chemically Inert, Natural Materials
  - CFC- and HCFC-free product and manufacturing process
  - GreenGuard Children & Schools certified for indoor air quality
  - Qualifies for LEED® (Leadership in Energy and Environmental Design) credits

## CONTACT?

Do we want to provide contact info here