



CROSSROADS C&I

DISTRIBUTORS / FABRICATORS

The Insulation Specialists™

A BRIGHT, QUIET AND ENERGY EFFICIENT SOLUTION FOR PARKING GARAGES

CROSSROADSCI.COM

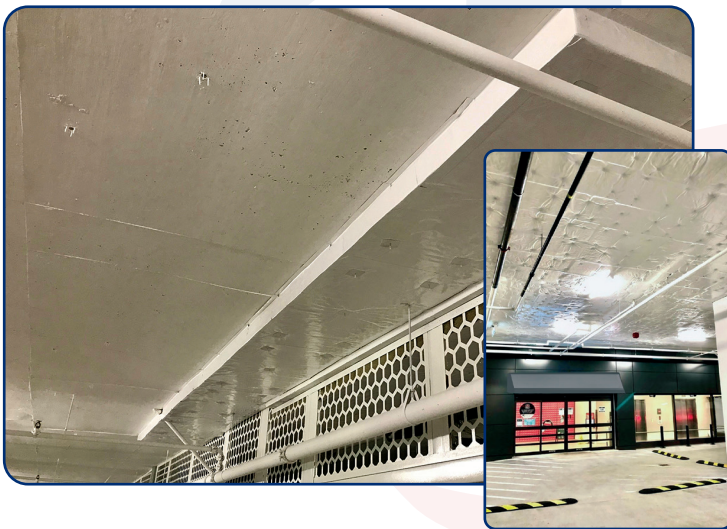
CROSSROCK PG



CrossRock PG is a stone wool insulation that has long-term stable R-value, is well known for its thermal and acoustical properties, is non-combustible, water repellent, and environmentally sustainable.

EFFECTIVE AND FUNCTIONAL

Traditionally parking garages have not been designed for looks but for function. Dark concrete or metal underdecking has graced the walls and ceilings of these areas and even the thought of entering this space can feel unsafe or uncomfortable. In addition, low frequency noise emanating from these areas can affect the indoor environment. **CrossRock PG** provides an effective sound and thermal barrier while the reflective facing offers a clean bright solution to increase the overall aesthetic.



ENERGY EFFICIENCY & THERMAL PERFORMANCE

Increasing the light reflectivity of the walls and ceilings means that fewer lights are needed and the annual electricity consumption required to illuminate the area is reduced*. Stone wool is dimensionally stable and maintains its proportions under all conditions. Unlike glass wool it will not slump, condense or absorb moisture over time. It will also not expand or contract with temperature fluctuations like spray polyurethane foam. This stability allows for sustained, long-term thermal performance versus other insulating materials.

- Vapor Permeable • Sound Absorbent • Energy Efficient
- Non-combustible • Environmentally Sustainable
- Water Repellent • Stable Long-Term R-Value

WATER VAPOR PERMEANCE

CrossRock PG has an ASTM E96 standard permeance of 0.02% where the **CrossRock PG Pin Perf** has a permeance of >10%. This number is not definitive given there are various factors which would affect this rating. The pin perforations occur in the facer at roughly 16 pinholes per inch, which allows the product more breathability. Whether to use a pin perforated facer or not is dependent on various criteria including: climate zone, whether the parking area is heated or not, above or below ground temperatures and thickness of the material desired. Insulation boards should be mechanically fastened using standard screws or pins and washers.

CONTACT YOUR NEAREST CROSSROADS C&I BRANCH FOR FURTHER INFORMATION



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