

THE ROLE OF COVER BOARDS IN COMMERCIAL ROOFING



Cover boards have the unique ability to enhance the overall performance of commercial roof systems. As a higher compressive strength substrate beneath the single-ply membrane, cover boards enhance wind uplift performance, hail resistance, foot traffic resistance, and even puncture resistance. By enhancing the overall roof system performance, longer duration warranties and/or higher wind gust speeds may be available. Many cover board options exist, including; High-Density Polyiso, Gypsum, OSB, and Recycled boards. Each option provides a host of performance benefits to the roof system. Composite cover board options also exist in which the base insulation is manufactured directly to the cover board above, providing a dual-purpose solution in a single product. Cover board selection considerations:

- **Fastening requirements** – many products offer reduced fastening schedules
- **Moisture resistance** – options range in their ability to perform in the presence of moisture
- **Handling and cutting** – product weight and ease of cutting
- **Insulating value** – some options provide insulating value, adding additional R-value to the roof system