

Reaping the Rewards with Kingspan

Location
Moxee, Washington

Wall Products
900 Series High Rib

Roof Products
KingZip Standing Seam
Roof

Finishes
Colonial Red Kynar
Zincalume Plus



Overview

Surrounded on three sides by a field of Cascade hops, the Bale Breaker Brewing Company's new 12,000-square-foot facility was the first known brewery in America to be located in a working hop field.

Because of the planned usage, the specifications and design features of the building are unique.

Kingspan insulated metal panels provided the high R-value that was required, plus superior airtightness and low thermal bridging for exterior walls, and the durability of the factory 'white' painted interior finish on the panels that made the brewery brighter.



Wall Product
900 High Rib

Roof Product
KingZip



Tapping into the Benefits

Business Challenge:

The Quinn family has been farming hops on this land for more than 80 years. They needed a new brewing facility that could withstand the Northwest weather, while providing thermal protection for modern brewing processors and a pleasant taproom for their brew house customers.

Kingspan Solution:

Kingspan 900 High Rib Insulated Metal Panels (IMPs) not only provide a high R-value, but also superior airtightness and low thermal bridging. This results in energy cost savings of up to 30% over traditional multi part built-up systems. The roof was constructed with Kingspan's KingZip Standing Seam Metal Roof panels. This system is thermally efficient and airtight. It also reduces overall energy usage and increases a building's curb appeal.



A Brighter Solution

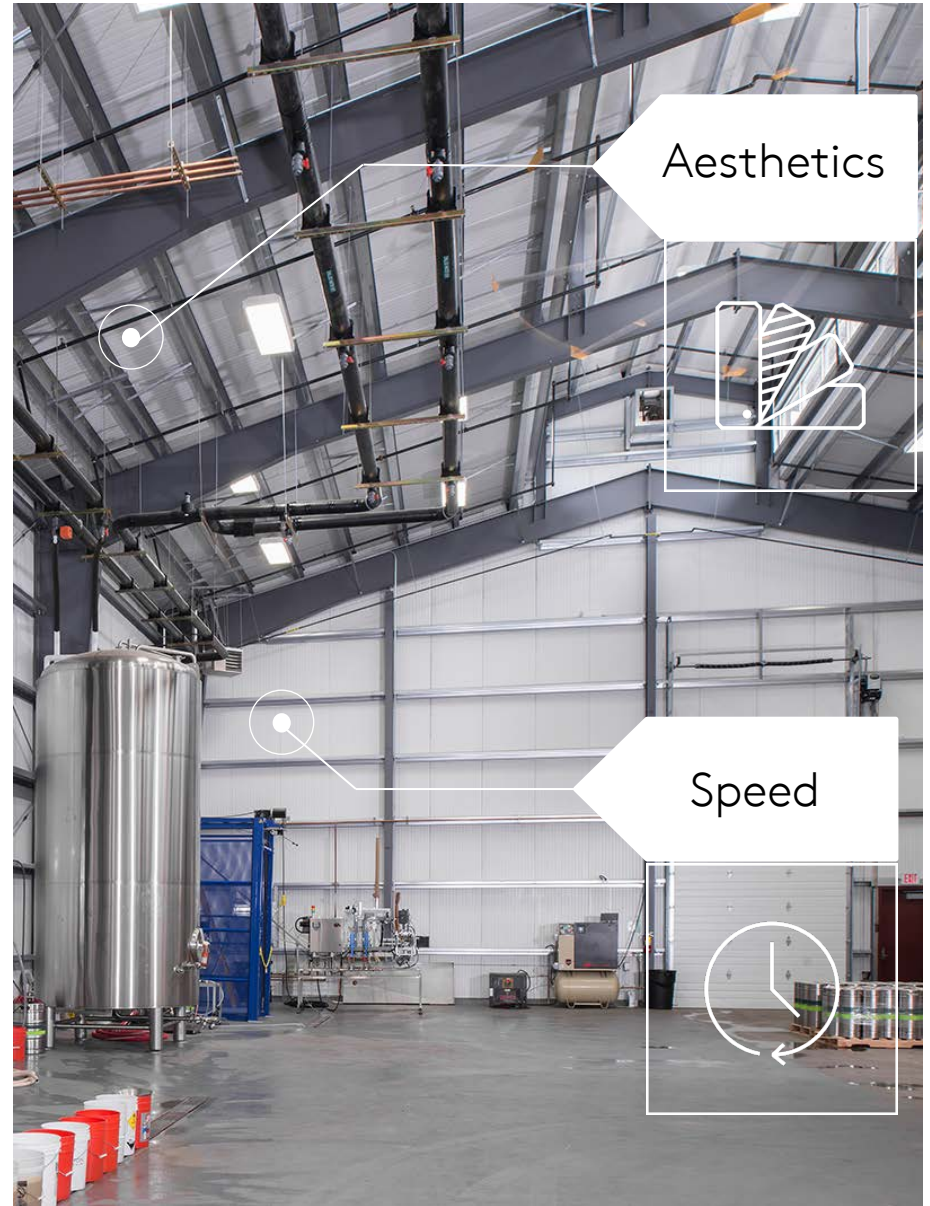
Architectural Benefits:

The design, created by Meier Architecture & Engineering, Kennewick, Washington, is a 12,000-square-foot facility to house intricate brewing equipment capable of producing 3,000 31-gallon barrels of beer annually.

Because most of the space is used for an operating brewery, there was concern about the interior finish. The walls had to be able to hold up to daily operations in a brewery that involved exposure to wash down water, moisture, and steam. The Kingspan IMPs are ideal for this – providing a durable factory ‘white’ painted interior finish on the panels that made the brewery brighter.

Contractor Benefits:

Mountain States Construction of Sunnyside, Washington was the General Contractor for the project. Kingspan IMPs eased the critical path of construction for this project as the installation process eliminated the need for any added building insulation or extra interior finish work.



Stylish, Inside and Out

Installation Benefits:

By minimizing the construction schedule, the result was faster on-site installation compared to multi-part foam insulated panels. The Kingspan IMPs did not take much more time to install than typical metal building siding – and they eliminated the needs for some time-consuming processes to finish out a building.

Owner Benefits:

While the efficient R-Value and durable interior finish were two main benefits of choosing Kingspan IMP products, the owners wanted the exterior to have a look similar to a hop kiln. The panels provided just what they were looking for. Kingspan produces its IMPs in a full spectrum of vibrant hues and these high performance coatings provide long-life protection and color retention.



Contact

For more information on
the products used in this
project, please email

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