

ENTERPRISE HIGH SCHOOL

Duro-Last® Edge-to-Edge & Deck-to-Sky™ Case Study



Location: Enterprise, Oregon **Square Feet:** 100,000

Products: Custom-cut Duro-Last X™ membrane, Duro-Last® Vapor Barrier, Duro-Guard® EPS and ISO tapered insulation, DEXcell® cover board; EXCEPTIONAL® Metals edge details

Roman philosopher Seneca famously said, "Luck is what happens when preparation meets opportunity." By this definition, leaders at Palmer Roofing in Pendleton, Oregon, found themselves to be very lucky when earning the bid to re-roof Enterprise High School in Enterprise, Oregon. In reality, the Palmer team put in the work and made calculated decisions to be well-prepared when the opportunity presented itself.

With a breathtaking view of the Willowa Mountains in the distance, Enterprise High School serves as the educational foundation for more than 200

students in grades seven through 12. For years, staff and administrators had been battling ongoing roof leaks in the aged TPO membrane before the problem became critical in 2021.

After securing bond funding to replace the roof, leaks progressively got worse before construction could begin. Approximately 40% of the roof needed immediate repairs before the frigid winter months set in, so the school district contracted for a roof coating to be applied as a temporary solution. Despite best efforts, the coating system ultimately failed, leaving the roofing system in



Leaders at Palmer Roofing knew the project would be going out for bid and believed the Duro-Last X membrane from Duro-Last was the ideal solution for Enterprise High School's ongoing roof challenges. Before the bid process even concluded, Palmer Roofing placed a material order with Duro-Last to ensure availability during the height of industry-wide material shortages. When the opportunity presented itself, the Palmer team was prepared.

Once officially awarded the project, Palmer Roofing got to work removing the aged roofing system down to the plywood and concrete deck. Duro-Last

Vapor Barrier was then installed, following tapered Duro-Guard EPS and ISO insulation to meet new R30 code requirements. DEXcell cover board was installed over the insulation for added durability before custom-cut 50 mil Duro-Last X membrane was mechanically fastened. Finally, edge details from EXCEPTIONAL Metals were used along the perimeter to complete the installation.

"Timing was key on this project," said Duro-Last Vice President of Western Operations Tim Hart. "The school district wanted the roof completed over the summer months when students weren't in classes.



Learn the benefits of installing
Duro-Last roofs: **800.248.0280**

duro-last.com

Duro-Last is a division of Holcim Solutions and Products US, LLC.
EXCEPTIONAL Metals is a brand owned by Holcim Solutions and Products US, LLC.
"Duro-Last", "Duro-Guard", "EXCEPTIONAL", and the "World's Best Roof" are registered trademarks owned by Holcim Solutions and Products US, LLC.
"Duro-Last X" is a trademark of Holcim Solutions and Products US, LLC.
Edge-to-Edge & Deck-to-Sky Case Study – Enterprise High School ORIG: 6.7.24 – DL110039