

FRUIT PRODUCTION PLANT EASTERN WASHINGTON, USA



PECORA DYNATHANE 800MM CONTROL JOINT RESIN



In Eastern Washington, a large fruit production plant completed a significant flooring upgrade to improve durability and performance in its high-traffic facility. To protect over 3,500 lineal feet of concrete joints, Pecora's DynaThane 800MM, control joints resin, was selected and installed using 10-gallon kits. This joint protection system was chosen for its strength, reliability, and ability to withstand the rigorous demands of a busy food production environment.

DynaThane 800MM is a two-component, rapid-curing, semi-rigid polyurethane/polyurea hybrid control joint resin designed to protect concrete floor joint edges from spalling caused by heavy industrial traffic. Its rapid cure time allows it to be ready for light traffic in as little as fifteen minutes at 75°F, ensuring minimal disruption to plant operations. The product's Shore A hardness of 85 provides long-term wear resistance, making it a reliable solution for facilities that require durability under constant stress.

In addition to durability, DynaThane 800MM was chosen for this project due to the product's ability to perform in ambient conditions as low as -15°F, which is ideal for refrigerated or cold storage areas commonly found in food production plants. The formula is 100% solids with low VOC content, meaning it will not shrink, produces minimal odor, and is safe for use in food processing areas. It meets FDA and USDA compliance standards for incidental contact in meat, poultry, and food handling facilities.



The installation began with careful surface preparation to ensure all joints were clean, dry, and free of debris, which is essential for achieving proper adhesion. Using 10-gallon bulk kits, the team employed dual-component pumping equipment to achieve the precise 1:1 mix ratio required for the product. Once mixed, the DynaThane 800MM was dispensed directly into the joints, slightly overfilled to create a protective crown. After curing to a solid state, typically within fifteen minutes at standard temperature, the material was shaved flush with the surrounding floor surface. The rapid curing time significantly reduced downtime, a critical advantage for this high-output facility.

By installing DynaThane 800MM, this fruit production plant now benefits from concrete flooring that can withstand the heavy loads and repetitive impact of industrial vehicular traffic, such as forklifts and pallet jacks. The joints remain smooth, sealed, and sanitary, supporting both safety and cleanliness in production areas. This upgrade not only extends the service life of the flooring but also improves operational efficiency, ensuring the facility can continue to meet high production demands without costly interruptions.

To learn more about our control joint resin and corresponding products, please visit our website at www.pecora.com.