



Tensar® InterAx™ Geogrid Enhances Service Life of Pavement at Manufacturing Facility

Paving Stone Manufacturing Facility

📍 Ayr, Ontario Canada

CLIENT CHALLENGE

The owner of a new manufacturing facility was designing the storage yard using permeable pavements and needed to account for heavy forklift loading. The conventional permeable pavement would not provide adequate structural capacity over the expected service life.



A service life increase of 3x is expected.

TENSAR SOLUTION

Tensar assisted the owner's Manager of Technical Services in assessing the service life of the conventional pavement section and also for a section that included mechanical stabilization of the sub-base stone layer. The design requirements were satisfied with Tensar InterAx NX750 geogrid.

The proposed sub-base was an open-graded stone with a gradation outside the typical range of a standard aperture size geogrid. The multiple aperture shapes and sizes in InterAx geogrid are able to accommodate a broader range of aggregate sizes and facilitated high quality interaction with the sub-base. Ultimately, the owner was able to meet the heavy loading expectations and had confidence in the long term performance of their storage yard.

Installation: July 2021
Product: NX750™ geogrid

Tensar®

www.TensarCorp.com

