



Case Study

Project Name Sherway Gardens Shopping Centre
Location Toronto, ON
Size 9500 m²
Date Installed 2015
System XF301 Sedum Standard
Construction Type Steel
Designer Dialog Design

The Sherway Gardens Shopping Centre boasts GTA's largest commercial green roof of 9500 square metres – quite literally a living example of being green. Neighbouring towers have a pleasing view of vegetated rooftops that change appearance with the seasons. From a flowering state in late spring and summer, to a reddish purple in the autumn, to dormancy under the cover of winter's snow – the vegetated roof is a dynamic living roofscape throughout the seasons.

The system is comprised of a root barrier, a drainage mat, two layers of recycled polymeric water retention fleeces, and a pre-cultivated sedum mat. At a total profile of 65 mm, the system weighs 59 kg/m² at saturation with a maximum water storage of 36 l/m². The sedum mixture was specially selected for their heat/drought tolerance and all-year-round visual interests. The green roof is not irrigated.

“We chose this vegetated roof system because of the key benefits it offers,” said Andy Traynor, General Manager at Sherway Gardens. “Our vegetated roof helps slow stormwater runoff from the roof structure, benefitting both the city and the environment and is ensuring that our expansion is LEED certified.”



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