

Built-Up Roofing



Maple Leaf Gardens, Toronto, Canada

Background

Maple Leaf Gardens is situated in downtown Toronto, Canada and is a historic arena for professional ice hockey. Designed by one of Canada's most notable architectural firms, Ross and Macdonald, it opened in 1931 and was home to the Toronto Maple Leafs of the National Hockey League until 1999.

Problem

The existing 25-year old PVC single ply roof on the building's signature dome was past its useful service life, and the 4-ply built-up, gravel surfaced system on the flat areas was in need of replacement.

Solution

A torch-applied two ply Icopal Siplast SBS-modified bitumen system with a cap sheet surfaced with Eco-Activ's depolluting Noxite® granules was specified, that will actually help to clear Toronto's urban air.

Noxite torch-on roofing membranes use the sun's rays to produce an autocatalytic reaction that turns harmful nitrous oxides into benign nitrates. The resulting depolluting effect lasts throughout the life of the waterproofing membrane.



Project:	Maple Leaf Gardens
Location:	Toronto, Canada
Area:	10' 000 m ²
System:	Siplast Paradiene System with Noxite Eco-Activ Mineral capsheet
Client:	B.C. Housing
Specifier:	IRC Building Sciences Group
Contractor:	Dean Chandler Roofing Ltd
Completion:	2011