

# INSULATED PANEL PRODUCTS

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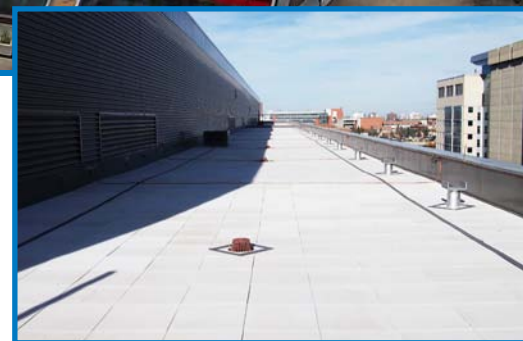
Edmonton Clinic Health Academy  
LEED® Silver (Targeted)

## LEEDing the way in Solar Reflective roofing solutions...

Tech-Crete's SRI® roof panels are self ballasted, solar reflecting insulating panels designed for use in a Protected Membrane Roof (PMR) assembly. With its factory applied white concrete topping, SRI® roof panels offer superior insulation, long term durability, membrane protection and solar reflectivity in one easy step.

- Extends membrane life by protecting against:
  - Temperature extremes, UV degradation, and hail damage
  - Occasional roof maintenance foot traffic
  - Mechanical damage (dropped tools etc.)
  - Vandalism and environmental elements (birds, weather, etc.)
- Since the white concrete topping maintains its solar reflectivity throughout its entire thickness, there is no reflective coating to maintain or reapply
- Can be rinsed or pressure washed without the risk of membrane damage
- Designed to minimize the heat island effect of low-sloped roofs and qualify for LEED® SS credit 7.2, Heat Island Effect: Roof

The unique feature of the SRI® roof panel is the white reflective concrete topping. As the environment naturally weathers any exposed roof surface, it can slowly degrade reflective membranes and remove reflective coatings. The topping on the SRI® roof panel is a solid 3/8 inch white reflective concrete. As this topping weathers, it simply exposes more of the same underlying white reflective concrete.



### Potential LEED® CANADA Credits

PRODUCT	CTI® Roof	SRI® Roof	CFI® Wall
<b>Sustainable Sites (SS)</b>			
Credit 7.2 - Heat Island Effect: Roof	-	1	-
<b>Energy &amp; Atmosphere (EA)</b>			
Credit 1 - Optimize Energy Performance	1-19	1-19	1-19
<b>Materials &amp; Resources (MR)</b>			
Credit 1.1 - Building Reuse	1-3	1-3	1-3
Credit 2 - Construction Waste Mgt. Maintain Existing Walls, Floors & Roof	1-2	1-2	1-2
Credit 3 - Materials Reuse	1-2	1-2	1-2
Credit 5 - Regional Materials	1-2	1-2	1-2
<b>Indoor Environmental Quality (IEQ)</b>			
Credit 3.1 - Construction Indoor Air Quality Management Plan: During Construction	1	1	1
Credit 7.1 - Thermal Comfort: Design	1	1	1
<b>Innovation in Design (ID)</b>			
Credit 1 - Innovation in Design	1	1	1
<b>Regional Priority (RP)</b>			
Credit 1 - Durable Building	1	1	1
Credit 2 - Regional Priority Credit	-	1-3	1-3

SRI® is a registered trademark of Tech-Crete Processors Ltd.  
LEED® is a registered trademark of the US Green Building Council

