

Project Info

 18 / 01 / 11


 CC8™ Batched Rolls

 Undisclosed

 Transverse layers

 Canada

 Miller Capilano Highway Services

 CC8™ was trialed to establish its suitability as a method of repair for damaged curbs in Canada



Completed installation

In January 2011, Concrete Canvas® GCCM* (CC) was used to repair damaged curbs in Canada in a trial carried out by Miller Capilano Highway Services, and commissioned through Nuna Innovations.

Concrete Canvas is a flexible concrete impregnated fabric that hardens on hydration to form a thin, durable, and water proof concrete layer.

The void in the damaged curbs were first filled, before being lined with CC8™. The CC was first wrapped around the damaged curb areas, with some excess covering the undamaged pavement, and then fixed to the concrete pavement and remaining, undamaged curb surface using concrete anchor screws. The CC was then hydrated.

Following the success of the trial, which was completed in under two hours, a number of other curb sites are being considered for refurbishment using CC.



Damaged curb section at main junction



Close-up of damaged curb

*Geosynthetic Cementitious Composite Mat