

**GROUTS**

**CEMENT/SILICA FUME SLURRY GROUT**

The grout for bonding the new concrete overlay to the existing concrete shall be mixed in a mechanical mixer, and shall consist of equal parts by weight of 4% silica fume, 46% Type 10 Portland cement and 50% sand of maximum 2.5 mm aggregate size, mixed with sufficient water to form a slurry.

**NON-SHRINK GROUT (APPROVED PRODUCT)**

Any product must meet the latest requirements of the Specification for the Supply of Non-Shrink Grout ([B387](#)).

**APPROVED PRODUCTS**

[TYPE 1](#)

[TYPE 2](#)

**CULVERT LINERS**

Any product must meet the requirements of the Specification 2.22 for Plastic Culvert Extension and Culvert liners and Specification 2.23 for Smooth Wall Steel Pipe Culvert Extension and culvert Liners ([http://www.transportation.alberta.ca/images/Standard\\_Specifications\\_for\\_Highway\\_Construction\\_2013.pdf](http://www.transportation.alberta.ca/images/Standard_Specifications_for_Highway_Construction_2013.pdf)).

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
<a href="#">Cematrix Cellular Concrete</a>		

**LIGHTWEIGHT FILL MATERIAL**

Lightweight fill material to be used in grouting shallow utility installations.

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