



Ditch Liner

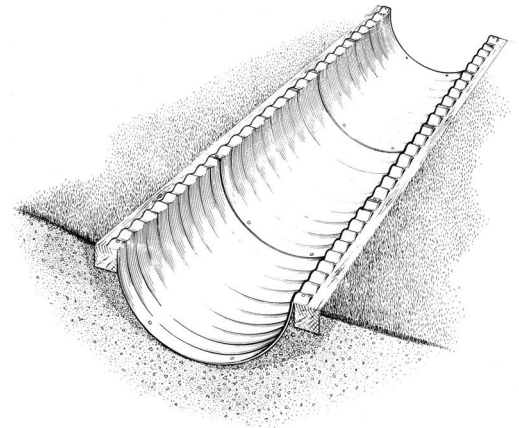
Armtec ditch liners are constructed using corrugated galvanized steel sections which are bolted together on-site to form a continuous run. These durable, galvanized steel sections are supplied in short longitudinal sections for convenient field installation.

Ditch Liner's corrugation profile of 68 x 13mm can be used for spans ranging from 300 to 1,600mm. It is available in four steel thicknesses up to 3.5mm. Sections provide a covering width of 610mm and are available with corrugated flanges.

Specialized solutions are also available for spans exceeding 1,600mm. Please contact an armtec representative for further information.

TYPICAL APPLICATIONS

- Road and highways



DITCH LINER SUPPORTED BY
TIMBER RUNNERS

Product Features

These liners provide a low-cost means of preventing soil erosion, as well as:

- Protecting road shoulders
- Maintaining flow alignment
- Improving hydraulic characteristics and facilitating low-level flow
- Preventing overgrowth of weeds and algae
- Allowing easy installation using lightweight components

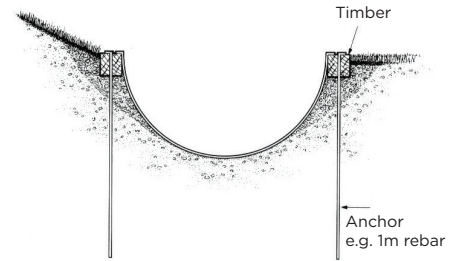


Installation

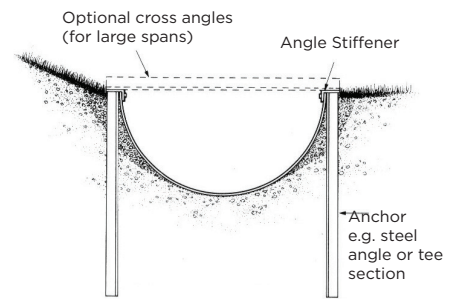
These lightweight sections can be easily positioned without the use of heavy lifting equipment. Sections should be placed in a preformed bed, overlapping them in the direction of flow, and anchoring them at regular intervals.

The edges should be supported with flanged sections and are usually bolted to timber runners. Unflanged sections are bolted to structural members such as steel angles. An alternative for both a flanged and an unflanged section is to use reinforced concrete curbs along the edges.

The backfill adjacent to the liner should be rodded and tamped to eliminate voids on steep slopes. The area alongside the liner should be protected with grass or some other covering. Depending on the installation, it may also be advisable to incorporate cutoff walls at the ends to prevent under cutting.



WITH CORRUGATED FLANGES



WITHOUT CORRUGATED FLANGES

Available Sizes: 68 x 13mm Corrugation Profile

Span (mm)	Thickness (mm)			
	1.6	2.0	2.8	3.5
300	•	•		
400	•	•		
450	•	•	•	
500	•	•	•	
600	•	•	•	
700	•	•	•	
800	•	•	•	
900	•	•	•	•
1000	•	•	•	•
1200	•	•	•	•
1400		•	•	•
1600		•	•	•

Note: Please contact an armtec representative for spans exceeding 1,600mm.



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