

Temporary Downpipes

DRAINAGE CONTROL TECHNIQUE

Low Gradient		Velocity Control		Short Term	✓
Steep Gradient		Channel Lining		Medium-Long Term	
Outlet Control	✓	Soil Treatment		Permanent	

Symbol 



Photo 1 – Temporary downpipe (flexible pipe)



Photo 2 – Temporary downpipe

Key Principles

Critical operational issue is the instalment of all temporary downpipes as soon as the roof is laid. This means the gutter must also be installed as the roof is laid, and the permanent property discharge pipes must be installed ready for connection before the roof is laid.

Description

Temporary solid or flexible pipe connected to the roof gutter.

Purpose

Reduce site wetness, mud, and erosion caused by roof runoff.

Limitations

Only necessary if rain is possible.

Advantages

Reduces down time during wet weather.

Disadvantages

Can interfere with cladding operations.

Common Problems

Failure to install.

Site Inspection

Check for installation at all downpipe connections.

Installation

1. Ensure temporary downpipe is appropriately connected to the roof gutting and the site's permanent stormwater drainage system (if any).
2. If a permanent underground drainage system does not exist, then ensure the temporary pipe discharges away from the work area in a manner that will not cause soil erosion or inconvenience to neighbouring properties.

Removal

1. Remove a temporary downpipe only when the permanent downpipe is ready to be installed.