

Menu

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

Print

[Save](#)

Email

[Resource detail](#)

[Citations](#)

Acceptable Solution E1/AS1: Surface Water

[View on Information Provider website](#) [Download this resource \(PDF, 1.5MB\)](#) {{ linkText }}

This resource is no longer current. The current version is [E1/AS1 \(First Edition, Amendment 10\)](#)

Abbreviation

E1/AS1

Amendment

9

Version

First Edition, Amendment 9

Valid to

30/05/2017

Valid from

14/02/2014

Information provider

Ministry of Business, Innovation and Employment

Information type

Acceptable Solution

Format

PDF

Cites

[This resource cites 22 documents \(show Citations\)](#)

Description

Acceptable Solution E1/AS1 provides a means of compliance with Building Code Clause E1 Surface Water. Building Code Clause E1 ensures that the disposal of rainwater from external

surfaces and confirmation surface water cannot enter the building.

It requires buildings and site work to be constructed to protect people and other property from the adverse effects of surface water. It sets out performance requirements to ensure drainage systems are in place for the disposal of surface water using gravity where possible, and to avoid blockages and leakage.

Scope

This Acceptable Solution is limited to buildings and sitework having a catchment area of no more than 0.25 hectares and which are:

- a) Free from a history of flooding,
- b) Not adjacent to a watercourse, c) Not located in low lying area, and
- d) Not located in a secondary flow path.

Previous versions:

[E1/AS1 \(First Edition, Amendment 8\)](#)

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#) [Download this resource \(PDF, 1.5MB\)](#) [{{ linkText }}](#)

[Previous versions](#)

[E1/AS1 Amendment 8 First Edition, Amendment 8](#)

For assistance with locating previous versions, please contact the information provider.

This resource is not cited by any other resources.

Acceptable Solution E1/AS1: Surface Water

This document is not CITED BY any other resources:

[Back](#)

Acceptable Solution E1/AS1: Surface Water

[Show what documents this resource is CITED BY](#)

[Show what documents this resource CITES](#)

Description

Acceptable Solution E1/AS1 provides a means of compliance with Building Code Clause E1

Surface Water. Building Code Clause E1 ensures that the disposal of rainwater from external surfaces and confirmation surface water cannot enter the building.

It requires buildings and site work to be constructed to protect people and other property from the adverse effects of surface water. It sets out performance requirements to ensure drainage systems are in place for the disposal of surface water using gravity where possible, and to avoid blockages and leakage.

[View on Information Provider website](#) [Download this resource \(PDF, 1.5MB\)](#)

[Acceptable Solution E1/AS1: Surface Water](#)

This resource is no longer current. The current version is [E1/AS1 \(First Edition, Amendment 10\)](#)

Description

Acceptable Solution E1/AS1 provides a means of compliance with Building Code Clause E1 Surface Water. Building Code Clause E1 ensures that the disposal of rainwater from external surfaces and confirmation surface water cannot enter the building.

It requires buildings and site work to be constructed to protect people and other property from the adverse effects of surface water. It sets out performance requirements to ensure drainage systems are in place for the disposal of surface water using gravity where possible, and to avoid blockages and leakage.

[View on Information Provider website](#) [Download this resource \(PDF, 1.5MB\)](#)

This resource cites:

Acceptable Solution E1/AS1: Surface Water

This document CITES:

New Zealand Standards

- [AS/NZS 1254:2010](#)

E1/AS1 cites AS/NZS 1254:2010 PVC-U pipes and fittings for stormwater and surface water applications from 14/02/2014

- [AS/NZS 1260:2009](#)

E1/AS1 cites AS/NZS 1260:2009 PVC-U Pipes and fittings for drain, waste and vent applications from 30/09/2010

- [AS/NZS 1734:1997](#)

E1/AS1 cites AS/NZS 1734:1997 Aluminium and aluminium alloys - Flat sheet, coiled sheet and plate from 30/09/2010

- [AS/NZS 2032:2006](#)

E1/AS1 cites AS/NZS 2032:2006 Installation of PVC pipe systems from 30/09/2010

- [AS/NZS 2033:2008](#)

E1/AS1 cites AS/NZS 2033:2008 Installation of polyethylene pipe systems from 30/09/2010

- [AS/NZS 2280: 2012](#)

E1/AS1 cites AS/NZS 2280:2012 Ductile iron pipes and fittings from 14/02/2014 until 01/01/2017

- [AS/NZS 2566.1:1998](#)

E1/AS1 cites AS/NZS 2566.1:1998 Buried Flexible pipelines. Structural Design from 30/09/2010

- [AS/NZS 2566.2:2002](#)

E1/AS1 cites AS/NZS 2566.2:2002 Buried Flexible pipelines - Installation from 30/09/2010

- [AS/NZS 4058:2007](#)

E1/AS1 cites AS/NZS 4058:2007 Pre cast concrete pipes (pressure and non-pressure) from 30/09/2010

- [AS/NZS 4130:2009](#)

E1/AS1 cites AS/NZS 4130:2009 Polyethylene (PE) pipes for pressure applications from 30/09/2010

- [AS/NZS 5065:2005](#)

E1/AS1 cites AS/NZS 5065:2005 Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications from 10/10/2011

- [NZS 3604:2011](#)

E1/AS1 cites NZS 3604:2011 Timber-framed buildings from 10/10/2011

- [NZS 4229:1999](#)

E1/AS1 cites NZS 4229:1999 Concrete masonry buildings not requiring specific engineering design from 01/12/2000 until 01/01/2017

- [NZS 4442:1988](#)

E1/AS1 cites NZS 4442:1988 Welded steel pipes and fittings for water, sewage and medium pressure gas from 01/07/1992

- [NZS/BS 970.1:1991](#)

E1/AS1 cites NZS/BS 970.1:1991 Specification for wrought steels for mechanical and allied engineering purposes - General inspection and testing procedures and specific requirements for carbon, carbon manganese, alloy and stainless steels from 01/09/1993

Australian Standards

- [AS 1273:1991](#)

E1/AS1 cites AS 1273:1991 Unplasticized PVC (UPVC) downpipe and fittings for rainwater from 01/07/1992

- [AS 1397:2001](#)

E1/AS1 cites AS 1397:2001 Steel sheet and strip - Hot-dipped zinc-coated or aluminium/zinc-coated from 30/09/2010

- [AS 1579:2001](#)

E1/AS1 cites AS 1579:2001 Arc welded steel pipes and fittings for water and waste water from 30/09/2010

- [AS 1646:2007](#)

E1/AS1 cites AS 1646:2007 Elastomeric seals for waterworks purposes from 30/09/2010

- [AS 1741-1991](#)

E1/AS1 cites AS 1741-1991 Vitrified clay pipes and fittings with flexible joints - Sewer quality from 01/07/1992

Other

- [BS EN 1172:1997](#)

E1/AS1 cites BS EN 1172:1997 Copper and copper alloys. Sheet and strip for building purposes from 10/10/2011

- [BS EN 1759-1:2004](#)

E1/AS1 cites BS EN 1759.1:2004 Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, class-designated. Steel flanges, NPS 1/2 to 24. from 30/09/2010

[Back](#)

[Close](#)

Table of Contents

[Print](#) [Save](#) [Email](#)

[Feedback](#)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Feedback](#)