

PRODUCT DATA SHEET

GENERAL PURPOSE CEMENT



NSW Cement Products General Purpose Portland Cement complies with the requirements for Type GP cement as per Australian Standard AS3972 – General purpose and blended cements.

Applications

General Purpose cement has been

formulated to produce cost effective concrete products.

Applications include but are not limited to:

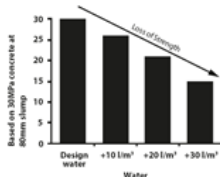
- Concrete
- Mortars
- Renders
- Grouts

Availability

Product is available in NSW in bulk

Concrete Properties

EFFECT OF EXCESS WATER ADDITION ON CONCRETE COMPRESSIVE STRENGTH



Product Description

GP cement is a premium Portland cement ideal for a broad range of applications in the construction, building, ready mix, precast and concrete product manufacturing industries where consistent strengths are required.

Cement Properties

The following table provides a summary of typical cement properties of the GP cement

Property	GP Cement	AS3972
Setting Time	Initial	≥ 45 mins
	Final	≤ 6 hrs
Soundness	2mm	≤ 5 mm
SO ₃	2	<3.5%
Fineness Index	350 m ² /kg	
Compressive Strength (Mortar)	3 <u>day</u>	33 MPa
	7 <u>day</u>	47 MPa
	28 <u>day</u>	63 MPa
		≥ 35.0 MPa
		≥ 45.0 MPa

Compatibility

General Purpose Cement is compatible with:

- Admixtures that comply with AS1478 Chemical admixtures for concrete
- Supplementary materials complying with AS3582

Handling, Storage and Safety

- The shelf life of GP cement products is dependent on the storage conditions. It is necessary for the cement to be stored in a dry condition and protected from rain, dew or any other moisture source. General Purpose cement can typically be stored in dry conditions for up to six months.
- GP cement is highly alkaline
- Refer to the Material Safety Data Sheet located at www.nswcement.com.au

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- assess and control any risks associated with the information or product; and
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