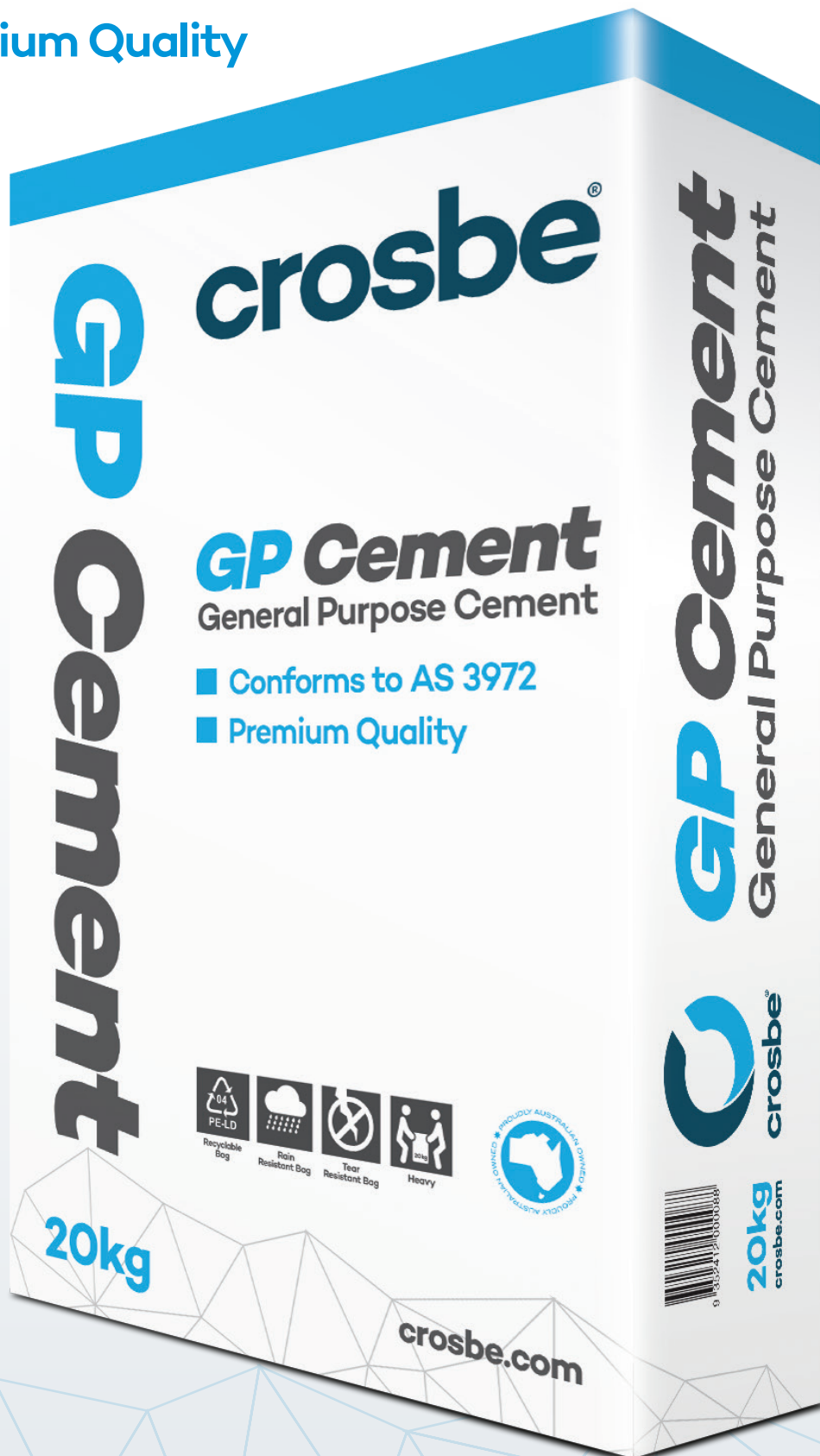


GP Cement

General Purpose Cement

■ Conforms to AS 3972 - 2010

■ Premium Quality



THE SCIENCE OF STRENGTH



crosbe®

GP Cement

General Purpose Cement

Technical Data Sheet



Crosbe **GP Cement** is a Portland Cement, exceeding the requirements for a Type GP cement within Australian Standard AS 3972 - 2010.

Technical Data:

Property		AS 3972	Typical Result
Setting time (min) AS 2350.4	Initial:	> 45	135
	Final:	< 360	240
Soundness (mm) AS 2350.5		< 5	1
Compressive Strength AS 2350.11	3 Days	-	30
	7 Days	> 35	45
	28 Days	> 45	63

Applications

Crosbe GP Cement can be used for many types building and construction applications including, grouting, concrete, render, bricklaying mortars, landscaping, footings, foundations. May also be used in soil stabilisation and civil engineering projects, where Portland Cement is specified.

Standard Mix Design (by volume*)

Crosbe GP Cement is suitable for most concrete applications. Where it is proposed for use in structural applications refer to

the Australian Standard AS 1379 (Specification and supply of concrete). If the concrete is to be used in a severe environment the durability requirements of the concrete should be assessed by a professional engineer. For mortar mix designs for various exposure conditions. Refer to AS 3700 (Masonry structures) for more detailed instructions.

As a guide for non-structural concrete in a benign environment the following mix designs may be used

Application	GP Cement	Sand	Aggregate	Hydrated Lime
Concrete – High Strength	1	1.5	3	-
Concrete – General use Paths & Driveways	1	2	3	-
Concrete – Foundations & Footings	1	3	3	-
Render	1	4	-	0.5
Mortar – General Class M3 (AS3700)	1	6	-	1
Mortar – Severe Exposure M4 (AS3700)	1	4.5	-	0.5

Mixing Instructions

Combine cement, sand, and aggregates to desired portion, the use of a concrete mixer is recommended for larger projects. Gradually add the minimum amount of potable water and continue mixing to obtain desired workability. Note excess water will reduce the strength of good concrete. Use product immediately after mixing. Allow finished concrete to cure for at least 7 days by keeping it moist or covered.

Curing

Mortars and concretes should be cured for a period of seven days by continually wetting the surface, covering the surface with plastic or applying a suitable curing compound.

Careful curing will result in :

- Increased compressive and flexural strength.
- Reduced potential for plastic shrinkage cracking.
- Improved abrasion resistance.
- Reduced carbonation rate.

Safe Handling

Minimise the creation of dust when handling. Use Personal Protective Equipment as detailed in the Safety Data Sheet available at Crosbe.com. Wash hands after use.

Packaging

Available in 20kg or 1000kg bags.