

select**CRETE**[™]



SelectCrete[™] is a new range of Mawsons concrete mixes that comply with Australian Standards. Strength grades from 15 to 50 MPa are available.

SelectCrete[™] offers Mawsons' customers and specifiers a choice of cementitious materials, recycled aggregates and manufactured sand in the concrete they order.

THE BETTER CHOICE



PRODUCT SELECTION

ORIGINAL



SelectCrete™ Original is the traditional concrete Mawsons have become renowned for. This product range continues to contain 90–100% Type GP Cement for general applications

including house slabs, shed flooring and kerb and channel work. **SelectCrete™ Original** is best where higher early strength is essential.

STANDARD



SelectCrete™ Standard is a general use concrete for normal applications. This product range contains 20–40% SCMs and is suitable for typical applications including house slabs, commercial and industrial, shed flooring, and footpaths.

SelectCrete™ Standard is best where longer-term durability is beneficial, or where the performance benefits of SCMs are required. This product range is eligible for up to 1.5 Green Stars.

GREEN



SelectCrete™ Green is a new concrete mix designed for reduced environmental impact. This product contains at least 40% SCMs as a Portland Cement replacement and uses recycled aggregates and sand. It is suitable for general applications where high early strength is not essential but great long-term performance is still required.

SelectCrete™ Green is eligible for up to 3 Green Stars demonstrating its improved environmental outcomes. **SelectCrete™ Green** is independently endorsed as environmentally preferable by Good Environmental Choice Australia.

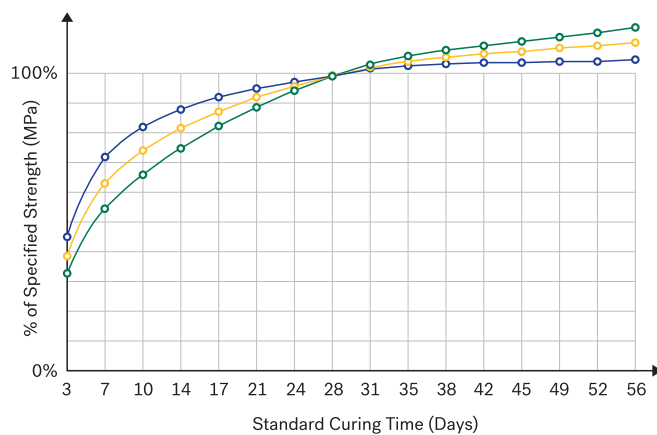


INPUT MATERIAL COMBINATIONS

	ORIGINAL	STANDARD	GREEN
	Percentage (%)		
Type GP Cement	90-100	70-80	60
Supplementary Cementitious Materials (SCMs)			
Ground Granulated Blast Furnace Slag	up to 5	10-15	20
Fly Ash	up to 5	10-15	20
Virgin Coarse Aggregate	90-100	70-100	60-100
Recycled Coarse Aggregate	up to 10	up to 30	up to 40
Natural Sand	100	80-100	75-100
Reclaimed Sand	0	up to 20	up to 25
Manufactured Sand	0	up to 20	up to 25
Reclaimed Water	100	100	100
Green Stars*	0.5	1.5	3

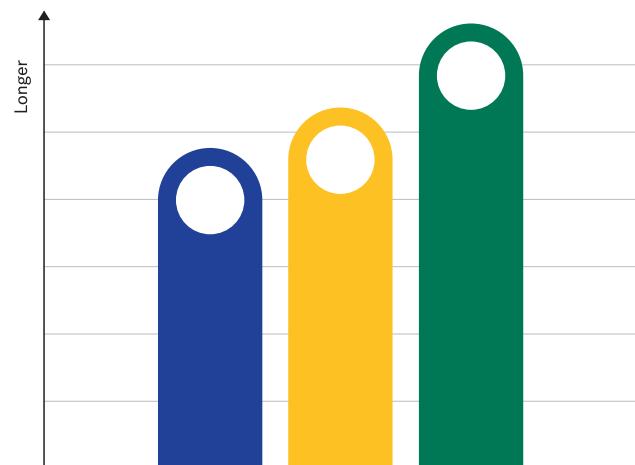
* in accordance with the Green Building Code

SelectCrete™ Concrete Indicative Compressive Strength Development



○ Original
 ○ Standard
 ○ Green

Comparative Time to Finishing



It should be noted that while each **SelectCrete™** type complies with Australian Standards the set times and number of days it takes for the finished concrete to achieve specified strength will vary.

Concretors placing the different types may notice different characteristics in the concrete.

SelectCrete™ mixes incorporate appropriate

admixtures so as to minimise difficulties that may be experienced in placing concrete that uses higher proportions of supplementary cementitious materials. Some adjustments to placement and finishing techniques may still be required to achieve optimum outcomes from Green and higher SCM Standard mixes.

SelectCreteTM Ordering Checklist

- ☐ Supplying plant: e.g. Shepparton

- ☐ Delivery address and lead km from plant

- ☐ Project type: e.g. house, industrial shed, driveway

- ☐ SelectCreteTM product: Original, Standard or Green

- ☐ SelectCreteTM strength, aggregate size and slump:
e.g. 25MPa/20mm Agg/80mm Slump

- ☐ Volume required: in cubic metres

- ☐ Required date and time

- ☐ Required delivery rate: cubic metres per hour

- ☐ Any special product needs: e.g. accelerator, fibres or superplasticizer

- ☐ Any special performance needs: e.g. non-slip or solid tyre traffic

- ☐ Testing requirements: e.g. slump

- ☐ Placement method: e.g. pump, kibble, wheelbarrow or chute

- ☐ Finishing method: hand or laser screed, machine or ride on trowel

- ☐ Site Access: e.g. narrow gate, steep road, powerlines, crossings or unstable ground

- ☐ Traffic Control: necessary if unloading while on public roads

- ☐ Price: delivered per cubic metre including GST

- ☐ Customer & payment method: account name or card number

Notes:

Detailed advice regarding concrete mix design and strength selection including proper placement, slab curing techniques and sealing is available at www.ccaa.com.au. Addition of extra water increases the water/cement ratio in the mix and thus weakens the concrete.

For exposed, coloured or polished concrete please refer to our EliteCreteTM information brochure.

Safety data sheets for SelectCreteTM products are available at mawsons.com.au



Proudly using 100% renewable electricity across our quarries and concrete plants.

Switching to renewable electricity is part of Mawsons' Social Responsibility and Sustainability Policy. This switch has dramatically reduced Mawsons' overall environmental impact.



Building Partnerships
for over
100
Years

E.B. Mawson & Sons Pty Ltd
ACN 004 519 617

Head Office

141 King George Street (Box 66)
Cohuna VIC 3568

Tel (03) 5456 2409

Enq 1800 423 465

Email sales@mawsons.com.au

Web mawsons.com.au

Find us on social media:

- Mawsons
- @ebmawsonsandsons
- Mawsons
- MawsonsCQ
- EBMawsonandSons