DRICON®

A BAGFUL OF EASY.

INSTANT CONCRETE SANDS MORTARS REPAIRS

LET'S DO THE NUMBERS.

Scan the QR code to easily sort the right product & quantity for your job.

DRICON.CO.NZ

CONCRETES

HandiCrete® 4
High Strength HandiCrete® 5
CivilCrete® 6
RapidSet™ 7
High Strength RapidSet™ 8
CivilSet® 9
Culvert Bags 10

MORTARS

MortarPlaster 11
SuperSet™ 12
CivilPlast™ 13
Trade Mortar 14
Brick Mortar 15
Coloured Mortar 16
Veneer Mortar 17
Architectural Mortar 18
Trade Mortar Xtra 19
Construction Grout 20

PAVING JOINT SANDS

PaveSand™ 21
PaveLock® 22

ADDITIVES & REPAIRS

Concrete Treatment 23
Efflorescence Additive 24
Efflorescence Remover 25
Efflorescence Treatment 26
White Portland Cement 27
HandiPatch 27
Oxides 28

BAGGED WET MIXES 29
COMMERCIAL PREMIXES 30

COMMERCIAL DRIED SANDS 31
TIPS 32
ENVIRONMENTAL CARE 33

DRICON®

DRICON® FIRST INTRODUCED PREMIXED BAGGED CONCRETE BECAUSE WE SAW HOW MUCH TIME AND EFFORT IT TOOK TRADIES TO BUY, MIX AND PLACE THE STUFF BACK THEN. IT WAS AN INSTANT HIT.

Since those good old days, our product range has taken off, and so have many of your businesses, which means now you're looking for even easier ways to make jobs run smoothly - so you can get on with making stuff, like money.

EASY INFO BAG FRONTS

Take a look at our bag fronts, we've applied our 'make it easy' mantra to them too. You'll notice we've made the MPa rating big and bold so you can spot the one you need at your merchant quickly. We've also brought the work time and set time info to the front too, so when you're comparing one Dricon® product against another you don't have to flip it over to see the important info.

EASY ONLINE HELP

Another way we're helping ease your workload is with our new website, product finder and calculator to easily find the product for your job and know how much to purchase. There's no more running around asking someone which Dricon® product is best for the job, now you can run through all our products on Dricon's website.

EASY ON THE ENVIRONMENT

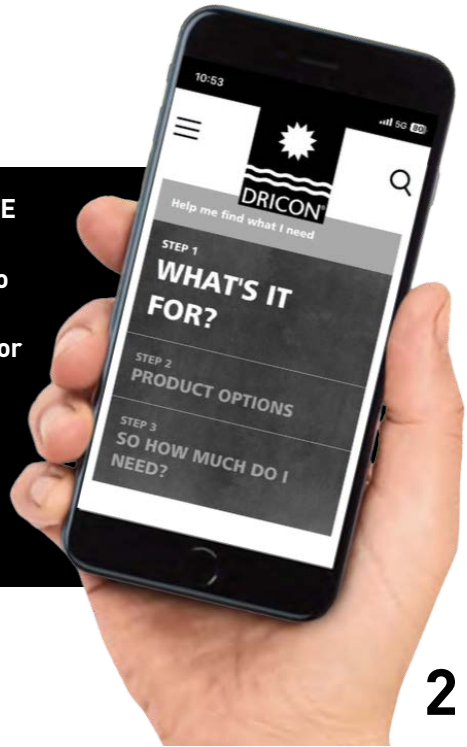
We are committed to sustainability through smart design and responsible sourcing, offering durable, fire-resistant concrete and mortar products made with mostly local, natural ingredients. Pre-mixed and packaged in unbleached paper bags, they reduce waste from onsite mixing and make leftover material easy to transport. Most blends feature EcoSure® Low Carbon Cement—New Zealand's lowest carbon GP cement—ensuring high performance with reduced environmental impact. With Declare certification, Dricon® also provides full transparency and confidence in sustainable, future-ready materials. For more info, visit www.dricon.co.nz/sustainability.

EASY OPTION

Lastly, there's one thing that makes it real easy to choose Dricon® - we're New Zealand tradies' favourite bagged concrete, mortar and sand brand because we've been around for ages and what's in our bags does what you need it to do.

DON'T GUESSTIMATE

Use our calculator to easily sort the right product & quantity for your job.



A BAGFUL OF EASY.

ABBREVIATED PRODUCT LETTERS

PRODUCT USAGE

MPa STRENGTH

WORK TIME, SET TIME

JUST ADD WATER

HANDICRETE®

GENERAL PURPOSE CONCRETE

USAGE: FOOTPATHS, SMALL SLABS, BLOCKFILL, MOWING STRIPS, FENCE POSTS, LETTERBOX POSTS, STRUCTURAL APPLICATIONS

BAG SIZES: 25KG 40KG

STRENGTH: 20MPa IN 28 DAYS

WORK TIME: 40-60 MINS

SET TIME: 2-3 HOURS

BENEFITS

- → Convenient - all the ingredients in one bag
- → Easy to plan how much to buy
- → Gives you a super smooth finish every time
- → No mess - no leftover sand, cement and stones to clear away
- → What you don't use stays in the bag
- → Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → HandiCrete® is formulated to reach a target strength of 20MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES
0.010m³
OF CONCRETE

1 X 40KG BAG MAKES
0.016m³
OF CONCRETE

For a slab 600mm x 600mm x 100mm = 3 x 25kg bag

CALCULATE WHAT'S WHAT

Use our calculator to easily sort the right product & quantity for your job.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

HIGH STRENGTH HANDICRETE®

HEAVY DUTY CONCRETE

USAGE: HEAVY DUTY PATHS, KERBING, STRUCTURAL APPLICATIONS, RETAINING WALLS, FOUNDATIONS

BAG SIZE:	STRENGTH:	WORK TIME:	SET TIME:
25KG	40MPa IN 28 DAYS	40-60 MINS	2-3 HOURS

BENEFITS

- → Convenient - all the ingredients in one bag
- → Easy to plan how much to buy
- → Gives you a super smooth finish every time
- → No mess - no leftover sand, cement and stones to clear away
- → What you don't use stays in the bag
- → Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → High Strength HandiCrete is formulated to reach a target strength of 20MPa after 3 days and 40MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES

0.010m³

OF CONCRETE

For a slab 600mm x 600mm x 100mm = 3 x 25kg bag

CALCULATE WHAT'S WHAT

Use our calculator to easily sort the right product & quantity for your job.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

CIVILCRETE®

COMMERCIAL CONCRETE

USAGE: CIVIL REMEDIAL WORK, QUICK REPAIRS

BAG SIZE: 25KG

STRENGTH: 30MPa IN 28 DAYS

WORK TIME: 15 MINS

SET TIME: 45 MINS

BENEFITS

- → Fast finishing general purpose concrete (workable for 15 minutes / sets in 45 minutes)
- → Convenient – all the ingredients in one bag, what you don't use stays in the bag
- → Easy to plan how much to buy
- → Gives you a super smooth finish every time
- → No mess – no leftover sand, cement and stones to clear away
- → Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → CivilCrete® is formulated to reach a target strength of 20MPa after 3 days and 30MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES

0.010m³

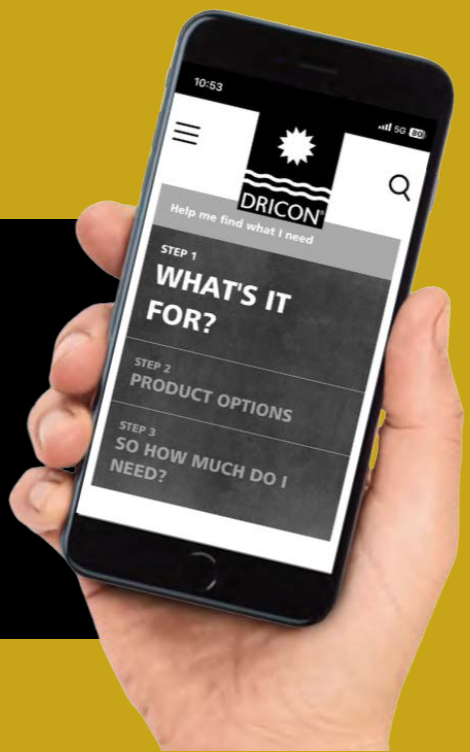
OF CONCRETE

For a slab 600mm x 600mm x 100mm = 3 x 25kg bag

When using for post holes, refer to online calculator

DON'T GUESSTIMATE

Use our calculator to easily sort the right product & quantity for your job.



Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

RAPIDSET™

POST HOLE MIX

USAGE: FENCE POSTS, LETTERBOX POSTS, WASHING LINES, STRUCTURAL APPLICATIONS

BAG SIZE: 25KG

STRENGTH: 20MPa IN 28 DAYS

WORK TIME: NOT REQUIRED

SET TIME: 15 MINS

BENEFITS

- RapidSet saves you time and effort
- No bracing & fast set time – just hold the post in position for a few minutes and RS will set in 15 minutes
- After one hour it will have gained significant strength to enable you to carry on working (e.g fixing rails), as long as the area is not exposed to rigorous use
- No mixing – just pour water into the hole and slowly pour RapidSet straight into hole
- No mess – no leftover sand, cement and stones to clear away, what you don't use stays in the bag
- Long term concrete expansion is minimised through use of advanced fast set technology
- Eco-Friendly - Made with EcoSure Low Carbon Cement
- RapidSet is formulated to reach a target strength of 20MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES

0.010m³

OF CONCRETE

Use the table or calculate the amount of RapidSet needed for your hole based on:

Height of post above ground		Length of post below ground/depth of hole		Bags per hole
feet	metres	feet	metres	25kg
8	2.4	2ft 7	0.8	2.4
7	2.1	2ft 4	0.7	2.1
6	1.8	2ft	0.6	1.7
5	1.5	1ft 7	0.5	1.4
4	1.2	1ft 4	0.4	1.1
3	0.9	1ft	0.3	0.7

Table based on a nominal 100mm x 75mm post: 250mm hole diameter. 'Bags per hole' are based on allowing for 100mm of topsoil over the concrete. This table is to be used as a guide only.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

HIGH STRENGTH RAPIDSET™

HIGH STRENGTH POST HOLE MIX

USAGE: HEAVY DUTY POSTS, FENCING, RETAINING WALLS, DECKING

BAG SIZE:	STRENGTH:	WORK TIME:	SET TIME:
20KG	30MPa IN 28 DAYS	NOT REQUIRED	15 MINS

BENEFITS

- → High Strength RapidSet saves you time and effort
- → No bracing & fast set time – just hold the post in position for a few minutes and HR will set in 15 minutes
- → After one hour it will have gained significant strength to enable you to carry on working (e.g fixing rails), as long as the area is not exposed to rigorous use
- → No mixing – just pour water into the hole and slowly pour High Strength RapidSet straight into hole
- → No mess – no leftover sand, cement and stones to clear away
- → Long term concrete expansion is minimised through use of advanced fast set technology
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → High Strength RapidSet is formulated to reach a target strength of 20MPa after 3 days and 30MPa after 28 days (under standard curing conditions)

YIELD

1 X 20KG BAG MAKES

0.008m³

OF CONCRETE

Use the table or calculate the amount of High Strength RapidSet needed for your hole based on:

Height of post above ground		Length of post below ground/depth of hole		Bags per hole
feet	metres	feet	metres	20kg
8	2.4	2ft 7	0.8	3
7	2.1	2ft 4	0.7	2.5
6	1.8	2ft	0.6	2.1
5	1.5	1ft 7	0.5	1.8
4	1.2	1ft 4	0.4	1.3
3	0.9	1ft	0.3	0.8

Table based on a nominal 100mm x 75mm post: 250mm hole diameter. 'Bags per hole' are based on allowing for 100mm of topsoil over the concrete. This table is to be used as a guide only.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

CIVILSET®

COMMERCIAL POST HOLE MIX

USAGE: MANHOLE WORK, POROUS SOILS, COMMERICAL APPLICATIONS

BAG SIZE: 25KG

STRENGTH: 30MPa IN 28 DAYS

WORK TIME: 2-3 MINS

SET TIME: 15 MINS

BENEFITS

- → CivilSet saves you time and effort
- → CivilSet is premixable & will set in 15 minutes
- → Ideal for fence posts placed into porous soils
- → No bracing – just hold the post in position for a few minutes and CivilSet will go to work
- → After one hour it will have gained significant strength to enable you to carry on working (e.g. fixing rails), as long as the area is not exposed to rigorous use
- → POST HOLE APPLICATIONS: No mixing – just pour water in to the hole and slowly pour CivilSet straight into hole
- → CIVIL / PREMIXING APPLICATIONS: CivilSet can be very quickly mixed in a wheelbarrow immediately prior to use
- → No mess – no leftover sand, cement and stones to clear away. What you don't use stays in the bag
- → Long term concrete expansion is minimised through use of advanced fast set technology
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → CivilSet is formulated to reach a target strength of 20MPa after 3 days and 30MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES

0.010m³

OF CONCRETE

Use the table or calculate the amount of CivilSet needed for your hole based on:

Height of post above ground		Length of post below ground/depth of hole		Bags per hole
feet	metres	feet	metres	25kg
8	2.4	2ft 7	0.8	2.4
7	2.1	2ft 4	0.7	2.1
6	1.8	2ft	0.6	1.7
5	1.5	1ft 7	0.5	1.4
4	1.2	1ft 4	0.4	1.1
3	0.9	1ft	0.3	0.7

Table based on a nominal 100mm x 75mm post: 250mm hole diameter. 'Bags per hole' are based on allowing for 100mm of topsoil over the concrete. This table is to be used as a guide only.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

CULVERT BAGS

USAGE: CULVERTS, NON-STRUCTURAL RETAINING WALLS, GENERAL REMEDIATION, EROSION CONTROL, BRIDGE ABUTMENTS, GABIONS, TRACK STABILISATION & FARM SUPPORT

BAG SIZE:
25kg

BENEFITS

- → Minimises waste
- → Easy to use and transport
- → Perfect for erosion control and stabilisation
- → Affordable, cost-effective solution
- → Specialised bag construction for rapid breakdown
- → Eco-Friendly - Made with EcoSure Low Carbon Cement and packaged in a biodegradable bag
- → Design drawings available upon request

YIELD

1 METRE²

26-27

BAGS WHEN LAID ON SIDE

25KG BAG MEASURES APPROX. 420MM X 90MM

DON'T GUESSTIMATE

Use our calculator to easily sort the right product & quantity for your job.

JUST ADD WATER

MORTAR PLASTER

MORTAR & PLASTER MIX

USAGE: SOLID PLASTERING, MINOR DIY BRICK & BLOCKWORK

BAG SIZE: 25KG

STRENGTH: 15MPa IN 28 DAYS

WORK TIME: 30-35 MINS

SET TIME: 1-2 HOURS

BENEFITS

- MortarPlaster saves time and effort
- Contains a dry plasticiser accepted and endorsed by key trade users
- Convenient – all the ingredients in one bag, easy to plan how much to buy
- MortarPlaster is easily workable to achieve a variety of plaster finishes
- No mess – no leftover sand or cement to clear away
- Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- Eco-Friendly - Made with EcoSure Low Carbon Cement
- MortarPlaster is formulated to reach a target strength of 15MPa after 28 days (under standard curing conditions)

YIELD

Use the table to calculate the amount of MortarPlaster needed.

When used as a mortar, MortarPlaster should be placed at between 10-15mm per layer.

	PLASTER	BRICK/BLOCKLAYING	
	Plaster with a 10mm cover	Concrete Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm
per 25kg →	1.2m²	24-28	16-19

This table is to be used as a guide only.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

SUPERSET™

FAST SETTING HIGH STRENGTH COMMERCIAL MORTAR

USAGE: FLOOR & TANK REPAIRS, HEAVY DUTY REPAIRS

COMES IN:
6KG PAIL
20KG PAIL
25KG BAG

STRENGTH:
40MPa
IN 28 DAYS

WORK TIME:
5-10
MINS

SET TIME:
15-20
MINUTES

BENEFITS

- → Minimises operational disruption
- → High Strength SuperSet will set in 10-15 minutes
- → Can be used for a wide range of tasks
- → Convenient range of packaging sizes available: 6kg & 20kg pail and 25kg bag
- → Pail packaging is suitable for storage and handling in work vehicles
- → Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- → Airtight re-sealable pail lids mean you only use as much as you need for small repair jobs
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → High Strength SuperSet is quick setting, and is formulated to reach a target strength of 20MPa after 24 hours, and 40+MPa after 28 days (under standard curing conditions). See test data below.

YIELD

6KG
0.003m³

20KG
0.010m³

25KG
0.012m³

TYPICAL TEST DATA (AT 21°C)

	24 hours	7 days	28 days
Compressive Strength	**20MPa**	**30MPa**	**40+MPa**

This table is to be used as a guide only. When used as a bedding mortar, High Strength SuperSet™ should be placed at between 10-15mm per layer.

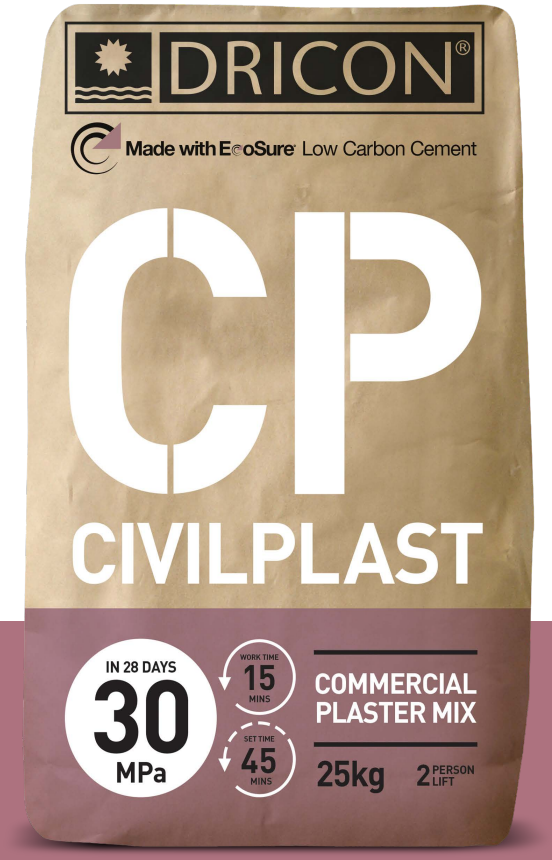
Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

CIVILPLAST™

COMMERCIAL PLASTER MIX

USAGE: FAST SETTING PLASTER WORK, CIVIL & MUNICIPAL WORK, PLUMBING WORK, GULLY TRAPS, TANK REPAIRS & RURAL WORK



BAG SIZE:	STRENGTH:	WORK TIME:	SET TIME:
25KG	30MPa IN 28 DAYS	15 MINS	45 MINS

BENEFITS

- → Fast finishing general purpose plaster that saves time and effort (workable for 15 minutes / sets in 45 minutes)
- → Contains a dry plasticiser accepted and endorsed by key trade users
- → Convenient – all the ingredients in one bag
- → CivilPlast is easily workable to achieve a variety of plaster finishes
- → No mess – no leftover sand or cement to clear away
- → What you don't use stays in the bag
- → Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → CivilPlast is formulated to reach a target strength of 20MPa after 3 days and 30MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES

0.014m³

OF PLASTER

1 x 25kg bag makes 1.2m² plaster at 10mm thick

DON'T GUESSTIMATE

Use our calculator to easily sort the right product & quantity for your job.

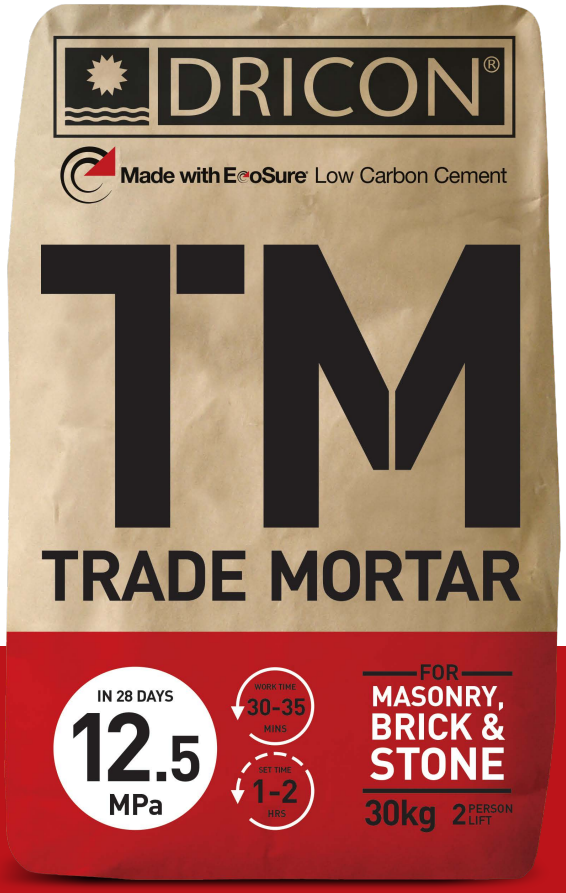
Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

TRADE MORTAR

FOR MASONRY BRICK & STONE

USAGE: BRICK & BLOCK LAYING



BAG SIZE:	STRENGTH:	WORK TIME:	SET TIME:
30KG	12.5MPa IN 28 DAYS	30-35 MINS	1-2 HOURS

BENEFITS

- → Minimises waste
- → Has consistent material calculations from bag to bag
- → Contains a dry plasticiser accepted and endorsed by key trade users
- → 30kg bag size for ease of use
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → Refer to Coloured Mortar (page 16) and Oxitone® (page 28) for more information on coloured mortars
- → Refer to Architectural Mortar (page 18) for water resistant formulations
- → Trade Mortar is formulated to meet NZS4210:2001 Masonry Construction: Materials and Workmanship of 12.5MPa after 28 days (under standard curing conditions)

ENDORSED BY

Master Brick & Blocklayers

YIELD

1 X 30KG BAG MAKES

0.016m³

OF MORTAR

Use the table provided to calculate the amount of Trade Mortar needed.
This table is to be used as a guide only.

NUMBER OF BRICKS/BLOCKS LAID PER BAG

Bricks 230 x 76 x 70mm	Bricks 230 x 119 x 70mm	Bricks 290 x 162 x 70mm	Bricks 290 x 75 x 70mm
42-48	33-38	40-46	42-48

Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Bricks 290 x 160 x 70mm	Bricks 390 x 190 x 90mm
33-38	21-26	40-46	18-24

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

BRICK MORTAR

FOR BRICK & STONE

USAGE: BRICK LAYING

BAG SIZE: 30KG

STRENGTH: 12.5MPa IN 28 DAYS

WORK TIME: 30-35 MINS

SET TIME: 1-2 HOURS

BENEFITS

- → Has a finer sand than other trade mortar
- → Minimises waste
- → Has consistent material calculations from bag to bag
- → Contains a dry plasticiser accepted and endorsed by key trade users
- → 30kg bag size for ease of use
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → Refer to Architectural Mortar (page 18) for water resistant formulations
- → Refer to Coloured Mortar (page 16) and Oxitone® (page 28) for more information on coloured mortars
- → Brick Mortar is formulated to meet NZS 4210:2001 Masonry Construction: Materials and Workmanship of 12.5MPa after 28 days (under standard curing conditions)

ENDORSED BY

Master Brick & Blocklayers®

YIELD

1 X 30KG BAG MAKES

0.016m³

OF MORTAR

Use the table provided to calculate the amount of Brick Mortar needed.
This table is to be used as a guide only.

NUMBER OF BRICKS/BLOCKS LAID PER BAG

Bricks 230 x 76 x 70mm	Bricks 230 x 119 x 70mm	Bricks 290 x 162 x 70mm	Bricks 290 x 75 x 70mm
42-48	33-38	40-46	42-48

Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Bricks 290 x 160 x 70mm	Bricks 390 x 190 x 90mm
33-38	21-26	40-46	18-24

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

COLOURED MORTAR

FOR MASONRY, BRICK & STONE

USAGE: FOR BRICK & BLOCKLAYING

BAG SIZE: 30KG

STRENGTH: 12.5MPa IN 28 DAYS

WORK TIME: 30-35 MINS

SET TIME: 1-2 HOURS

BENEFITS

- Easy colour matching
- Provides consistency of colour throughout the job
- Minimises waste
- Has consistent material calculations from bag to bag
- Contains a dry plasticiser accepted and endorsed by key trade users
- Refer to Architectural Mortar (page 18) for water resistant formulations
- Eco-Friendly - Made with EcoSure Low Carbon Cement
- Coloured Mortar is formulated to meet NZS 4210:2001 Masonry Construction: Materials and Workmanship of 12.5MPa after 28 days (under standard curing conditions)

ENDORSED BY

Master Brick & Blocklayers®

YIELD

1 X 30KG BAG MAKES

0.016m³

OF MORTAR

Use the table provided to calculate the amount of Coloured Mortar needed. This table is to be used as a guide only.

NUMBER OF BRICKS/BLOCKS LAID PER BAG

Bricks 230 x 76 x 70mm	Bricks 230 x 119 x 70mm	Bricks 290 x 162 x 70mm	Bricks 290 x 75 x 70mm
42-48	33-38	40-46	42-48

Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Bricks 290 x 160 x 70mm	Bricks 390 x 190 x 90mm
33-38	21-26	40-46	18-24

Dricon® Coloured Mortar Range			
Cream	Premium White	Hinuera **MTO***	Pumice
Antique Cream	Antique White	Charcoal	Natural
Matakana Cream	Black	Dark Brown	Serenity **MTO***
Buff	Jet Black	Light Brown	Sandy Grey

***MADE TO ORDER**

Important Variation Notice:
Mixing time, the amount of water used and tooling time will affect the final colour result. To ensure a uniform colour finish, Dricon® strongly recommend you purchase Coloured Trade Mortar from one location and from the same batch, as colour variations will occur due to the natural variance in raw materials. While every care has been taken to ensure an accurate representation, the colours shown here are subject to the limitations of the colour printing process.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

VENEER MORTAR

FOR BRICK VENEERS

USAGE: BRICK VENEER INSTALLATIONS

BAG SIZE:	STRENGTH:	WORK TIME:	SET TIME:
30KG	8MPa IN 28 DAYS	30-35 MINS	1-2 HOURS

BENEFITS

- Lower strength option to meet brick veneer installation
- Minimises waste
- Has consistent material calculations from bag to bag
- Contains a dry plasticiser accepted and endorsed by key trade users
- 30kg bag size for ease of use
- Eco-Friendly - Made with EcoSure Low Carbon Cement
- Refer to Coloured Mortar (page 16) and Oxitone® (page 28) for more information on coloured mortars
- Refer to Architectural Mortar (page 18) for water resistant formulations

ENDORSED BY

Master Brick & Blocklayers®

YIELD

1 X 30KG BAG MAKES

0.016m³

OF MORTAR

Use the table provided to calculate the amount of Veneer Mortar needed. This table is to be used as a guide only.

NUMBER OF BRICKS/BLOCKS LAID PER BAG

Bricks 230 x 90 x 76mm	Bricks 230 x 76 x 70mm	Bricks 230 x 119 x 70mm
33-38	42-48	33-38

Bricks 290 x 75 x 70mm	Bricks 290 x 160 x 70mm	Bricks 390 x 190 x 90mm
32-36	41-46	18-24

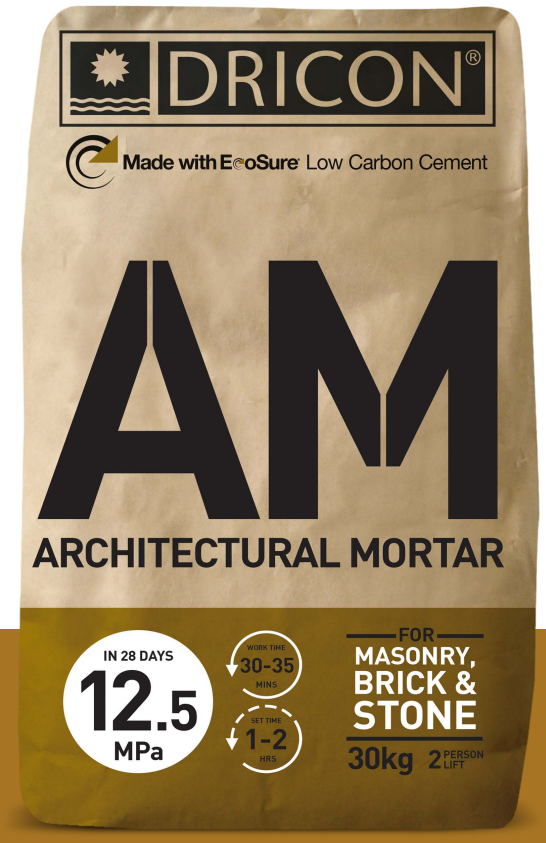
Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

ARCHITECTURAL MORTAR

MASONRY, BRICK & STONE

USAGE: FOR BRICK & BLOCK LAYING



BAG SIZE: 30KG

STRENGTH: 12.5MPa IN 28 DAYS

WORK TIME: 30-35 MINS

SET TIME: 1-2 HOURS

BENEFITS

- → Contains a water resistant additive to repel water from mortar joints
- → Matches Firth's Masonry range
- → Colours available: Stone, Slate and Onyx. Customised colours available on request
- → Minimises waste
- → Has consistent material calculations from bag to bag
- → Contains a dry plasticiser accepted and endorsed by key trade users
- → 30kg bag size for ease of use
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → Architectural Mortar is formulated to meet NZS4210:2001 Masonry Construction: Materials and Workmanship of 12.5MPa after 28 days (under standard curing conditions)

ENDORSED BY

Master Brick & Blocklayers®

YIELD

1 X 30KG BAG MAKES

0.016m³

OF MORTAR

Use the table provided to calculate the amount of Architectural Mortar needed. This table is to be used as a guide only.

NUMBER OF ARCHITECTURAL MASONRY /BLOCKS LAID PER BAG

Blocks 20 Series
390 x 190 x 190mm

21-26

ARCHITECTURAL MORTAR COLOURS

MADE TO ORDER

Important Variation Notice: Mixing time, the amount of water used and tooling time will affect the final colour result. To ensure a uniform colour finish, Dricon® strongly recommend you purchase Architectural Mortar from one location and from the same batch, as colour variations will occur due to the natural variance in raw materials. While every care has been taken to ensure an accurate representation, the colours shown here are subject to the limitations of the colour printing process.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

TRADE MORTAR XTRA

HIGH BOND STRENGTH MORTAR

USAGE: RECYCLED BRICKLAYING, SCHIST & STONEWORK, PAVER BEDDING

BAG SIZE: 30KG

STRENGTH: 12.5MPa IN 28 DAYS

WORK TIME: 15 MINS

SET TIME: 1-2 HOURS

BENEFITS

- → Increased bond strength over standard mortars makes a stickier brew
- → Will assist in exceeding the masonry to mortar bond strength requirement of minimum 200kPa after 7 days for recycled bricks
- → Technical and testing assistance available upon request
- → Minimises waste
- → Has consistent material calculations from bag to bag
- → Contains a dry plasticiser accepted and endorsed by key trade users
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → 30kg bag size for ease of use
- → Can be coloured with Oxitone® oxides. Refer to page 28 for more information
- → Trade Mortar Xtra is formulated to meet NZS4210:2001 Masonry Construction: Materials and Workmanship of 12.5MPa after 28 days (under standard curing conditions)

ENDORSED BY

Master Brick & Blocklayers®

YIELD

1 X 30KG BAG MAKES

0.016m³

OF MORTAR

Use the table provided to calculate the amount of Trade Mortar Xtra needed. This table is to be used as a guide only.

NUMBER OF BRICKS/BLOCKS LAID PER BAG

Bricks 230 x 76 x 70mm	Bricks 230 x 119 x 70mm	Bricks 290 x 162 x 70mm	Bricks 290 x 75 x 70mm
42-48	33-38	40-46	42-48

Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Bricks 290 x 160 x 70mm	Bricks 390 x 190 x 90mm
33-38	21-26	40-46	18-24

When used as a bedding mortar, Trade Mortar Xtra should be placed at between 10-15mm per layer.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

JUST ADD WATER

CONSTRUCTION GROUT

HIGH BOND STRENGTH MORTAR

USAGE: FILLING GAPS, UNDER BASE PLATES, REINFORCING TUBES

BAG SIZE: 25KG

STRENGTH: 65MPa IN 28 DAYS

WORK TIME: 40-60 MINS

SET TIME: 1-2 HOURS

BENEFITS

- → High early strengths with durability
- → Ready to use pre-mixed requiring only clean water
- → Can be dry packed, rammed, trowelled, poured and pumped
- → The expansion system compensates drying shrinkage in both plastic and hardened states
- → Free from chlorides or other substances which could aggravate steel corrosion
- → Eco-Friendly - Made with EcoSure Low Carbon Cement
- → Construction Grout is formulated to reach a target strength of 65MPa in 28 days

ENDORSED BY

Master Brick & Blocklayers®

YIELD

1 X 25KG BAG MAKES

0.013m³

OF MORTAR

Use the table provided to calculate the amount of Construction Grout needed. This table is to be used as a guide only.

TYPICAL STRENGTHS

	TROWELABLE	FLOWABLE
1 day	>25MPa	>20MPa
7 days	>55MPa	>50MPa
28 days	>65MPa	>60MPa

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

DRICON®

PAVESAND™

PAVE JOINT SAND

USAGE: PAVING JOINTS IN DOMESTIC MUNICIPAL & INDUSTRIAL AREAS

BAG SIZE:
20KG

MEETS NZS3116: 2002 CONCRETE SEGMENTAL & FLAGSTONE PAVING / KILN DRIED SAND

BENEFITS

- → Provides strength to paved surfaces
- → Ensures "lock-up" of paving
- → Ensures load transfer in paved area
- → Maximises long-term performance of paving
- → Kiln dried and screened sand

YIELD

This table is to be used as a guide only as the area covered per bag depends on the face size of the paver & the number of joints per square metre.

Paver recommended gap width 2-4mm

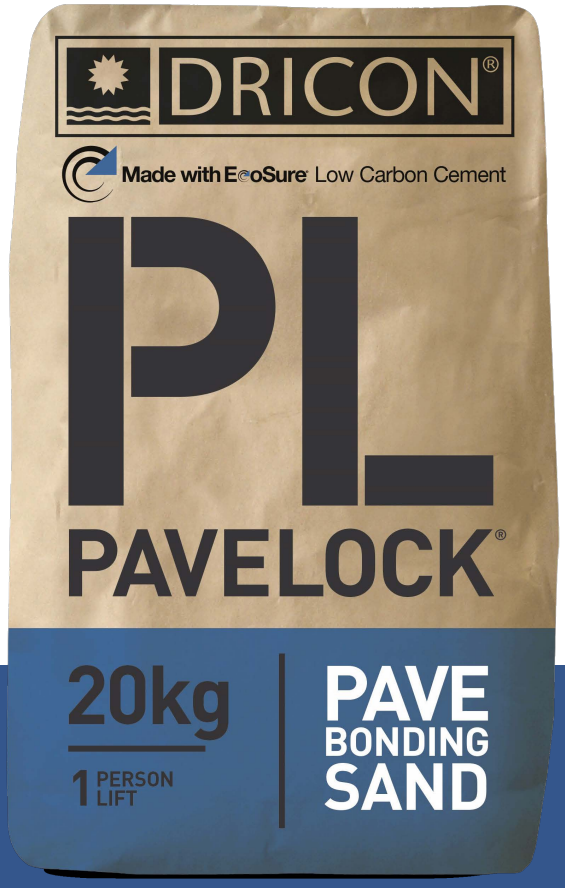
	200Lx100Wx50D	200Lx100Wx80D	230Lx190Wx50D	400Lx400Wx50D	400Lx200Wx50D	450Lx450Wx50D	450Lx450Wx50D
Per 20kg	**6m²**	**3.75m²**	**9.4m²**	**18m²**	**12m²**	**20.2m²**	**24m²**

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

PAVELOCK®

PAVE BONDING SAND

USAGE: PAVING JOINTS IN DOMESTIC APPLICATIONS



BAG SIZE:
20KG

MEETS NZS3116:2002 CONCRETE SEGMENTAL & FLAGSTONE PAVING / KILN DRIED SAND WITH BONDING ADDITIVE

BENEFITS

- Provides locked in strength and durability for paved surfaces
- Is resistant to weed growth and insect infestation making it a maintenance free alternative to standard PaveSand™
- Easy to use - please follow instructions on rear of pack
- Requires minimum maintenance after installation
- Effective long-term bonding of joints in areas of high wind and steep gradients
- Kiln dried and screened sand blended with bonding additive
- Eco-Friendly - Made with EcoSure Low Carbon Cement

YIELD

This table is to be used as a guide only as the area covered per bag depends on the face size of the paver & the number of joints per square metre.

Paver recommended gap width 2-4m

	200Lx100Wx50D	230Lx190Wx50D	400Lx200W50D	450Lx450Wx50D	500Lx500Wx50D
Per 20kg	**6m²**	**9.4m²**	**12m²**	**20.2m²**	**24m²**

Warning - Pavers that have an open surface texture will trap some PaveLock® and this may cause some discolouration on the paving surface. This can be minimised by ensuring PaveLock® and other surface contaminants are swept off prior to the application of water. It is recommended that a small test area be trialled before applying PaveLock® to the entire paved area. Not suitable for most large format flagstone pavers. Pavers must have a laid gap width of no more than 2-4mm. Pavers must be compacted in order for PaveLock® to work effectively.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

CONCRETE TREATMENT

GENERAL CONCRETE CLEANER

USAGE: CONCRETE PAVERS, BRICK WORK, DECORATIVE CONCRETE

PAIL SIZE:

1L, 5L & 20L

For larger sizes please contact your local Dricon® representative.

EFFECTIVE AS STRONG ACIDS BUT NON-CORROSIVE TO SKIN & CLOTHING

BENEFITS

- → Water soluble for easy, residue free rinsing
- → No acid fumes - can be used indoors and outdoors without special breathing equipment
- → No corrosion or rusting of most metals in surrounding environment
- → Non aggressive to skin & metals
- → 150x less corrosive to steel and 500x less corrosive to aluminium compared to 20% hydrochloric acid
- → On-demand technology - Dricon® CT only becomes active when exposed to the target surface (concrete) unlike normal acids that release all their available activity immediately and indiscriminately

HOW TO USE

1 For light and medium applications wet the substrate before applying. For heavily contaminated applications/concrete build-up substrate should be dry when applying. Apply using spray bottle, brush, flood or plastic watering can.

2 Contact time depends on application but usually less than 10 minutes.

3 Remove Dricon® Concrete Treatment with water before surface dries – broom off excess ponding.

APPLICATION

LIGHT
10-20 parts water to 1 part CT for general cleaning of brick & concrete

MEDIUM
4 parts water to 1 part CT for efflorescence removal

HEAVY
Undiluted CT for cleaning concrete tools/removing concrete build up

Please Note: Effflorescence is a naturally occurring phenomenon and may reappear over time, even after treatment. We suggest using Dricon ET to assist with the prevention of future recurrence. Reapplication of Dricon ET may be necessary to maintain desired results. Regular monitoring and maintenance is recommended.

EFFLORESCENCE ADDITIVE

ADDITIVE FOR REDUCING THE FORMATION OF EFFLORESCENCE SALTS

USAGE: MORTARS, GROUTS & CEMENT-BASED APPLICATIONS

PAIL SIZE:

4L & 1L

For larger sizes please contact your local Dricon® representative.

EFFECTIVE AS STRONG ACIDS BUT NON-CORROSIVE TO SKIN & CLOTHING

BENEFITS

- → Effectively reduces the occurrence of efflorescence.
- → Helps control water and moisture exposure, minimising the likelihood of new or recurring efflorescence.
- → Stabilises and brightens integral colours.
- → Units made with Dricon EA can be painted or sealed.
- → Increases density and cure strength.
- → Easy to Use - Just mix with water, apply and let Dricon EA activate for effortless results.

HOW TO USE

1 Add the correct amount of additive to the correct ratio of water for the product.

2 Mix the water and additive well.

3 Add the dry cement and aggregate mixture to the water additive mixture and mix as per instructions on the bag of premix.

DOSAGE

16-20ml per 30kg bag of Dricon Trade Mortar Natural, Brick Mortar or Coloured Mortar

10ml per 4.5kg of cement

1L treats approximately 50 bags of Dricon Mortar 30kg

NOTE: Mix ratios are approximate and may vary due to exact mix and aggregates used. Overdose can cause negative results.

Please Note: Efflorescence is a naturally occurring phenomenon and may reappear over time, even after treatment. We suggest using Dricon ET to assist with the prevention of future recurrence. Reapplication of Dricon ET may be necessary to maintain desired results. Regular monitoring and maintenance is recommended.

EFFLORESCENCE REMOVER

TREATMENT FOR THE REMOVAL OF EFFLORESCENCE SALTS

USAGE: MASONRY, STONE, GROUT, MORTAR JOINTS, CONCRETE & CEMENT-BASED PRODUCTS

PAIL & SPRAY BOTTLE SIZE:
4L & 750ML
For larger sizes please contact your local Dricon® representative.

NON-ETCHING & NON-CORROSIVE TO SKIN & CLOTHING

BENEFITS

- → Quickly cleans primary efflorescence.
- → Cleans pre-cast concrete, grout, tile and natural stone.
- → Ready-to-use formula, dilutable for lighter cleaning.
- → 100% recyclable bottles for easy cleanup and reduced waste.

HOW TO USE

1. Remove all debris and foreign materials.
2. Protect walls and adjacent areas. Saturate plants, shrubs and grass adjacent to cleaning area with water before, during and after use.
3. For concrete and masonry surfaces, dampen the surface (mist spray, do not soak) with water prior to applying ER in hot conditions or apply directly to the efflorescence on cooler days.
4. Patch test is recommended.

APPLICATION

1. Apply a liberal amount of Dricon ER with an acid-resistant low pressure (25 PSI or less) sprayer, 100% plastic hand mister or acid-resistant brush.
2. For general use on a wall, start from the bottom of the area and work upwards.
3. Once Dricon ER contacts the efflorescence, foaming will occur.
4. Allow 5-10 minute dwell time.
5. Agitate or scrub periodically with a stiff brush.
6. Check occasionally to ensure efflorescence is dissipating.
7. Re-apply Dricon ER as needed.
8. When finished, flush the surface thoroughly with clean water to remove residue.
9. Follow up with Dricon Efflorescence Treatment (ET) to combat recurrence of efflorescence.

Please Note: Efflorescence is a naturally occurring phenomenon and may reappear over time, even after treatment. We suggest using Dricon ET to assist with the prevention of future recurrence. Reapplication of product may be necessary to maintain desired results. Regular monitoring and maintenance is recommended.

EFFLORESCENCE TREATMENT

TREATMENT FOR REDUCING THE RECURRENCE OF EFFLORESCENCE SALTS

USAGE: MASONRY, STONE, GROUT, MORTAR JOINTS, CONCRETE & CEMENT-BASED PRODUCTS

PAIL & SPRAY BOTTLE SIZE:
4L & 750ML
For larger sizes please contact your local Dricon® representative.

EFFECTIVE ON ALL CEMENT TYPES, LIME, CALCIUM, ALPHA & BETA GYPSUM, FLY ASH, VOLCANIC ASH & HYDRAULIC CEMENT

BENEFITS

- → Use on existing masonry, stone, grout, mortar joints, concrete and cement-based products.
- → Helps control water and moisture exposure, mimising the likelihood of new or recurring efflorescence.
- → Units treated with Dricon ET can be painted or sealed.
- → Gently cleans and reduces existing efflorescence.
- → Ready-to-use formula, dilutable for lighter cleaning.

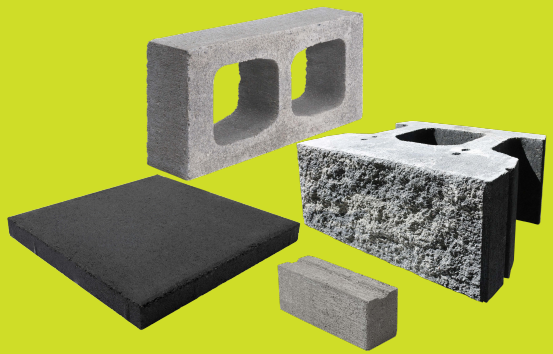
HOW TO USE

1. Thoroughly clean the surface if necessary.
2. Remove all contaminants or foreign materials that can prevent Dricon ET from penetrating.
3. Shake Dricon ET to ensure a consistent suspension of nano-particles and do a patch test in an inconspicuous area.
4. Apply liberally to the surface with a low-pressure sprayer or pump sprayer.

APPLICATION

1. Apply liberally to the surface with a low-pressure sprayer or pump sprayer.
2. For general use on a wall, start from the bottom of the area and work upwards.
3. Allow at least 15 minute dwell time to ensure deep penetration.
4. Keep the surface wet.
5. Stop spraying when the surface begins to reject Dricon ET and stops absorbing.
6. Repeated applications may be necessary when efflorescence is excessive.
7. After contaminants have purged, flush contaminants away.
8. After efflorescence has been mitigated to satisfaction, it is recommended to seal the surface for improved protection.

PROTECT YOUR WORK & RETAIN ITS BEAUTY



Please Note: Efflorescence is a naturally occurring phenomenon and may reappear over time, even after treatment. Reapplication of the product may be necessary to maintain desired results. Regular monitoring and maintenance is recommended.

WHITE PORTLAND CEMENT

White Portland Cement gives you the opportunity to choose among all the colours of the spectrum when producing your dry mix application. White Portland Cement is also perfect in concrete for paving stones and flagstones, sculptures, in terrazzo panels, cornices, ornaments, for swimming pools and in light pointing mortar.

BENEFITS

- Cleaner brighter colours are achieved when using with oxides
- White colour is achieved for specific design application
- Consistent quality to meet the requirements of architects, engineers and builders
- White Portland Cement is fine in texture

HANDIPATCH

ASPHALT PAVEMENT REPAIR

HandiPatch is a permanent cold patch asphalt repair, for fixing holes in asphalt driveways, concrete driveways, playgrounds etc. HandiPatch is as easy as sweep, fill and compact.

YIELD
20KG
0.012m³

BENEFITS

- Quick and easy asphalt repairs
- Re-sealable and re-usable container

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

OXITONE®
COLOURED OXIDES

USAGE: COLOURING MORTAR, PLASTER, CONCRETE

COMES IN:

VARIOUS SIZES

(ACTUAL WEIGHTS FOR CONTAINER PRODUCT WILL VARY BY COLOUR DUE TO DIFFERENCES IN PRODUCT DENSITIES.)

SYNTHETIC IRON OXIDE COLOURS ARE FOR USE IN CEMENT BASED PRODUCTS - CONCRETE, MORTAR AND PLASTER MIXES.

The natural cement colour will affect the final colour of the concrete or mortar being produced. Products made with Grey Portland Cement will not produce a result as bright as using Dricon® White Portland Cement. The colour table below represents **indicative colours** obtained at 4% Oxitone® to cement weight. The colours illustrated are intended as a guide only and do not represent the colour of the final mixed product.

BLACK	DARK RED	WHITE	DARK BROWN
LIGHT BROWN	MARIGOLD	YELLOW	

BENEFITS

- Manufactured to exact coloured oxide /oxide manufacturing standards
- Meets or exceeds standards for the use of colour for concrete, mortars and plaster applications
- Colour resistant and colour stable
- Can also be used with a wide range of Dricon® premix products
- Won't contribute to efflorescence

YIELD

Product	Oxide Dose per Bag
HandiCrete® 25kg	150 - 170 grams
Trade Mortar 30kg	350 - 370 grams
MortarPlaster 25kg	320 - 340 grams
High Strength HandiCrete 25kg	260 - 280 grams
Civil Crete 25kg	290 - 310 grams
Brick Mortar 30kg	330 - 350 grams
White or Grey Cement 20kg	700 - 900 grams

BAGGED WET MIXES

DRICON®'S RANGE OF BLENDED WET MIXES ARE SUITABLE FOR THE TRADESPERSON OR HOME IMPROVER THAT PREFERS TO ADD THEIR OWN CEMENT AND ADMIXTURES. AVAILABLE IN 25KG BAGS, 250KG AND 500KG BULK BAGS.

SAP 7

SAP7 is a fine grade of scoria suitable for infill, drainage and landscaping purposes. Size range is less than 7mm.

SCORIA 25/7MM

Scoria 25/7 is a graded scoria suitable for infill, drainage and landscaping purposes. Size range is between 7 – 25mm.

GAP 7

GAP 7 is a fine metal used as a compacted base under pavers or as a base layer before laying concrete. Size range is less than 7mm.

BUILDERS MIX

A blend of 14mm chip and No. 1 river sand which contains the absolute minimum of salts. Builders Mix is ideal for mixing with cement for small concreting jobs around the home. Also available in a dried version.

BUILDERS SAND

Builders Sand is a general purpose No.1 river sand which contains the absolute minimum of salts. It is ideal for use as a concrete sand, for basic mortars, children's sand pits and as a paving stone sub base. In general it has a top particle size of 1.18mm and a bottom particle size of 0.15mm with an average size of 0.4mm.

PLASTER SAND

Plaster Sand is a blend of No.1 river sand and a scientifically graded fine sand which contains the absolute minimum of salts. It is formulated specifically for plaster and mortar mixes. In general it has a top particle size of 1.18mm and a bottom particle size of 0.075mm with an average size of 0.3mm.

EAST COAST SAND

East Coast Sand is an east coast dune sand and is often referred to as Bricklayers Sand. It is ideal for mortar mixes. In general it has a top particle size of 0.6mm and a bottom particle size of 0.075mm with an average size of 0.3mm.

COMMERCIAL PRE MIXES

DRICON® HAS A RANGE OF COMMERCIAL PRE MIX BAGGED PRODUCTS AVAILABLE. BELOW IS A LIST OF THE STANDARD RANGE HOWEVER OTHER PRODUCTS ARE AVAILABLE UPON REQUEST. CONTACT 0800 DRICON TO DISCUSS YOUR SPECIFIC REQUIREMENTS.

50/50 REPAIR MORTAR

50/50 Repair Mortar is a blend of fine white sand and grey and white cement. It is ideal for repair work on pre-cast concrete panels and tanks. Available in 25kg bags.

BEDDING MORTAR

Bedding Mortar is a mortar product for the fixing of concrete and clay roof tiles. It is a base product that is factory tuned to meet individual specific customer requirements. Available in 25kg bags.

SHOTCRETE

Shotcrete is used in shotcrete spray pump machines otherwise know as gunite machines. It is primarily used for earth stabilisation purposes. It is available in 25kg bags and 250kg, 500kg and 1 tonne bulk bags.

TANK PLAST

Tank Plast is a plaster product used for the manufacture of water tanks. It is available in 25kg bags.

BLOCKFILL

20MPa Blockfill is a blend of a 5mm aggregate, sand and cement used for filling the cores in masonry block work. Available in 25kg bags.

OTHER SERVICES AVAILABLE

- PRODUCT DEVELOPMENT
- TOLL MANUFACTURING
- SAND AND AGGREGATE DRYING
- SCREENING OF MATERIALS
- BLENDING PREMIX PRODUCTS
- BAGGING PREMIX AND SANDS

COMMERCIAL DRIED SANDS

DRICON® HAS A LARGE RANGE OF COMMERCIAL DRIED SANDS AVAILABLE. BELOW IS A LIST OF THE STANDARD RANGE HOWEVER OTHER PRODUCTS ARE AVAILABLE UPON REQUEST. THEY ARE AVAILABLE IN 25KG BAGS AND 1 TONNE BULK BAGS. CONTACT 0800 DRICON TO DISCUSS YOUR SPECIFIC REQUIREMENTS.

PLAYGROUND SAND

Playground sand is certified to meet NZ 5828:2004 (BSEN 1177:1988 Impact Absorbing Playground Surfacing - Safety requirements and test methods). It is designed for use in playground areas. In general, it has a top particle size of 2.36mm and a bottom particle size of 0.75um with an average size of .45mm. It has been laboratory tested as sterile.

TENNIS SAND

Tennis Sand is a river sand that is designed for use in artificial turf areas. In general, it has a top particle size of 2.36mm and a bottom particle size of 0.15mm with an average size of 0.6mm.

TUS SAND

TUS is a river sand that is graded to a particle size less than 0.6mm. It is designed for turfs courts, bowling greens and a fine grade sand for mortars/plasters.

IRON SAND (BLASTING SAND)

Iron Sand is a product used for abrasive blasting. In general, it has a top particle size of 0.6mm and a bottom particle size of 0.75um with an average size of 0.2mm.

NO. 17 SAND

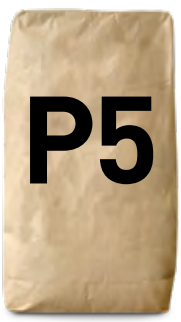
No.17 Sand is a general purpose course sand that's commercially dried and screened. In general, it has a top particle size of 2.36mm and a bottom particle size of 150um. It can be used for mortars and plasters, concrete sand, filtration and equestrian arenas.

FOUNDRY SAND

Foundry Sand is a white sand suitable for foundry moulding, stone mason work and as a raw material for fine plastering, grouting and paints. In general, it has a top particle size of 0.6mm and a bottom particle size of 0.15mm with an average size of 0.2mm.

10 MESH SAND

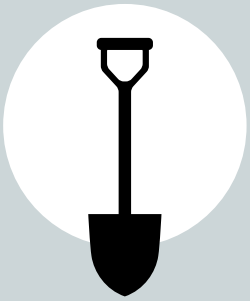
10 Mesh Sand is a general purpose course sand that's commercially dried and screened. It is used for mortars and plasters, concrete sand, drainage and filtration. In general, it has a top particle size of 2.36mm and a bottom particle size of 0.75mm.



PAP 5 AGGREGATE

PAP 5 is a general-purpose aggregate that's commercially dried and screened. PAP 5 is used for drainage, pave bedding and concrete aggregate.

TIPS

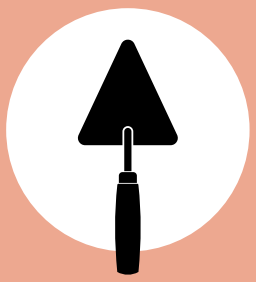


POST HOLES

- When using Dricon® products for post holes, please ensure you follow all instructions carefully. Some products (e.g. RapidSet™ and High Strength RapidSet™) **are not designed to be pre-mixed and must be poured dry in to the water in the hole as per the instructions on the bag.**
- RapidSet™ and High Strength RapidSet™ are the best products for standard fence post applications, however if any premixing is required (e.g. if you have porous soils and still want a fast setting mix but don't want to wait hours for a general purpose concrete to dry) then the premixable Dricon® CivilSet® should be used. Porous soils such as sandy loams will often see the water drain away before you can pour a bag of post hole mix in to the hole. To assist with product selection, visit www.dricon.co.nz.
- For a grass finish fill the hole leaving a 100mm gap at the top. After all the posts are in place you can backfill this gap with soil then sow grass seed.

HOW BIG SHOULD MY POST HOLE BE & HOW MUCH MIX SHOULD I USE?

- ¼ of your post's length needs to be installed below ground. e.g. a 2400mm post should have 600mm in the ground.
- The number of bags needed per hole will vary depending on the holes depth. The bag instructions have an ideal guide on how many bags to use per hole or alternatively, the Dricon® Select App has a quantity calculator to assist with quantifying.
- Using a lesser amount of post hole mix per hole or a watered down mix may result in a weaker than desired structure. A solid base will help provide enough strength for the fence to withstand high winds and people climbing over it. Using the correct amount of post hole mix is a good insurance against later potential costly fence repairs due to a weak foundation.
- For the average domestic fence using 2400mm posts (with 1800mm above ground and 600mm below ground) approx. 1 ½ bags of RapidSet™ 25kg would be required per hole.
- Post holes should be at least 250mm in diameter or width. For posts 100mm x 100mm and larger, aim for 100mm gap between the post and the side of the hole. As a general guide the hole should be three times the width of the post.
- Dig your hole a little deeper than required and add stones to the bottom of the hole first, to bring the post up to the desired height. This is easier than cutting the posts to the right height after the posts are in the ground.



MORTAR & PLASTER WORK

- Only mix as much mortar as you can use up in one hour. Unused mortar that has started to stiffen must be disposed of and not softened by mixing more water. Adding additional water will weaken the mix.
- For plastering and for clay bricks it is advisable to moisten the surface so that the clay bricks or plaster surface does not absorb too much water from the fresh plaster or mortar. Excess water absorbed from the plaster or mortar may cause the plaster or mortar to lose strength.
- Masonry blocks and bricks should be laid dry.
- All Dricon® products used for plaster work (e.g. plastering over a concrete deck or steps) should be applied at a minimum 10-12mm thickness per coat. Further coats can be added, again at a thickness of 10-12mm.
- To repair small non-structural cracks use Dricon® MortarPlaster.
- To repair structural cracks use Dricon® CivilPlast™ or SuperSet™. SuperSet™ does not generally require a bonding agent.
- Atmospheric conditions may affect colour.

REPAIRS

Wet concrete does not generally adhere well to existing hardened concrete. It is advisable to:

1. Cut out and totally remove all the concrete from the affected section, and re-concrete using HandiCrete®, High Strength HandiCrete® or CivilCrete®.
2. Remove the loose concrete as much as possible and replace with fresh concrete using a bonding agent to adhere the two surfaces.

FOUNDATIONS

- Foundations for projects such as brick barbeques, low garden walls and garden sheds should in general be 75-100mm thick.
- Construction of load bearing structures such as boundary walls, retaining walls and structural walls usually require foundations subject to engineering considerations and council approval. Phone Dricon® for advice or consult a building professional.

PATHS

- Be generous with path width in order to accommodate current and any possible future use. Major paths should be not less than 1250mm wide. For secondary paths 600-800mm wide is often sufficient. It is advisable to do a mock up by marking out the proposed path width to ensure it will suffice. Make sure you have enough room for boxing and pegs.
- Your path should be 75mm thick and if the path is used by pedestrians only, no reinforcement is necessary.
- If your path will be subject to vehicle traffic, a minimum depth of 100mm thick should be used in conjunction with reinforcement. In some instances heavy duty paths should be constructed with High Strength HandiCrete® or CivilCrete®.
- To ensure proper drainage your path should be 25mm above ground level and if next to a building, should slope away.
- For radius curves, run a series of saw-cuts nearly through the wood on the inside of the curve to enable you to bend the wood without breaking it.
- Use control joints to control cracking due to shrinkage.
- A neat control joint can be achieved by running a thin piece of timber through the concrete to make a groove half the depth of the slab. Do this once while the concrete is fresh, and repeat when it has hardened a little, to finish and set the groove.

MOWING STRIPS & EDGES

- An ideal width for the edge is 150mm, therefore dig a trench 250mm to accommodate the boxing and pegs.
- A depth of 75mm will be sufficient.
- Use spacing joints to control cracking from shrinkage.
- Try to keep mowing strips level to the lawn, this will protect your garden and your lawn mower.

ENVIRONMENTAL CARE

CREATING A SUSTAINABLE ENVIRONMENT

As the leading brand in New Zealand's pre-bagged concrete and mortars industry, Dricon® is committed to making a positive contribution to sustainability. Concrete is a versatile and durable building material comprised of mainly natural ingredients.

Cured Dricon® won't rust or rot resulting in a long product life cycle. It has inherent fire resistance and its extremely robust nature means only minimal maintenance is needed, saving both energy and resources.

Dricon® pre-packaged products eliminate the waste generated from traditional onsite mixing, since all the necessary materials are provided pre-mixed and ready for application in one easy-to-use, unbleached paper bag. Left-over Dricon® is contained in bags making it easy to transport to new jobs again eliminating a potential environmental burden.

Most Dricon pre-bagged concrete and mortars are made with EcoSure Low Carbon Cement, reducing environmental impact while maintaining high performance and carry the trusted Declare labels - your assurance of transparency, sustainability and long-term durability. For more information, visit www.dricon.co.nz/sustainability.

To protect our environment and avoid contamination of our waterways do not allow this product to enter the stormwater drainage system. Promptly clean up any spills or run off.

STORAGE

Ensure the products are stored in a clean, dry place. If the contents are not kept dry, then Dricon® does not guarantee the performance or success of the product.

DANGER

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause cancer. Causes serious eye damage. If medical advice is needed have product container or label at hand. Keep out of reach of children and read label before use. May be harmful if inhaled and cause respiratory irritation. Causes skin irritation including allergic skin irritations. See Dricon's Safety Data Sheets for information at www.dricon.co.nz.

DRICON®

For more information and advice:
0800 DRICON or visit DRICON.CO.NZ