



INSTANT CONCRETE SANDS MORTARS



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WE'RE HER

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 Dricon® App. 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 your mobile. The Dricon® App quickly helps identify which bag is fit for purpose - from commercial and civil works to small home builds or quick fixes. Figuring out how much you need is made simple with a built in quantity calculator.

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.

DRICON APP

To be sure you're using the right Dricon® product for the right job, download our Dricon® App.

Like everything we do for you, it's easy.



E TO MAKE LIFE EASY.



HIC

HANDICRETE[®]

IN 28 DAYS
20
MPa

WORK TIME
40-60
MINS

SET TIME
2-3
HRS

**GENERAL
PURPOSE
CONCRETE**

25kg 2 PERSON
LIFT

ABBREVIATED
PRODUCT
LETTERS

PRODUCT
USAGE

MPa STRENGTH

WORK TIME,
SET TIME





QUICK GUIDE

This Quick Guide provides the best product option for various given applications. In some instances more than one product may be suitable. If in doubt or you have an application that is not listed, please call **0800 DRICON**



	HandiCrete®	High Strength HandiCrete®	CivilCrete®	RapidSet™	High Strength RapidSet™	Civil Set®	MortarPlaster	SuperSet™	CivilPlast	Trade Mortar	Brick Mortar	Coloured Mortar	Veneer Mortar	Architectural Mortar	Trade Mortar xXtra	PaveSand™	PaveLock®	Oxitone®	Tank Plast	50/50 Repair Mortar	Roofing bedding Mortar	Shotcrete	Culvert Bags
Paths	Green	Dark Green	Yellow																				
Mowing Strips	Green	Dark Green	Yellow																				
Foundations	Green	Dark Green	Yellow			Grey																	
Structural Applications	Green	Dark Green	Yellow	Blue	Grey	Grey		Orange															
Commercial Structural Apps		Dark Green	Yellow		Grey	Grey		Orange															
Civil Applications			Yellow			Grey			Purple														
Fence Posts / Letterbox Posts		Dark Green	Yellow	Blue		Grey																	
Letterbox Bases	Green																						
Heavy Duty Fencing		Dark Green	Yellow		Grey	Grey																	
Retaining Walls		Dark Green	Yellow		Grey	Grey																	
Sun Shade Posts		Dark Green	Yellow		Grey	Grey																	
Washing Lines				Blue	Grey																		
Bricks							Purple			Red	Pink	Brown											
Brick Veneers													Blue										
Recycled Bricks															Yellow								
Blocks							Purple			Red	Pink	Brown											
Block Fill	Green	Dark Green																					
Stone							Purple			Red	Pink	Brown											
Plaster / Roughcast							Purple																
Kerbing & Roadway Repair								Orange	Purple														
Gully Trap Installations							Purple	Orange	Purple														
General Grouting								Orange	Purple														
Water Tank Repair								Orange															
Flooring Patch Repairs								Orange															
Paving Joints																Teal	Blue						
Colouring Concrete, Mortars & Plasters																		Blue					
Architectural Masonry														Brown									
Water Tank Manufacture									Purple										Blue				
Concrete Pipe Repair									Purple											Blue			
Roof Tiling																						Blue	
Stabilisation																						Blue	Blue



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 25 for more information
- HandiCrete® is formulated to reach a target strength of 20MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES
0.012m³
OF CONCRETE

1 X 40KG BAG MAKES
0.019m³
OF CONCRETE

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

To be sure you're using
the right Dricon® product
for the right job, download
our Dricon® App.

Like everything we do
for you, it's easy.



5

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:
25KG

STRENGTH:
40MPa
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 25 for more information
- 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
0.012m³
OF CONCRETE

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



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
- 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 25 for more information
- 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
0.012m³
OF CONCRETE

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

When using for post holes, refer to yield
chart on page 8

To be sure you're using
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for the right job, download
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Like everything we do
for you, it's easy.





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

- No bracing – just hold the post in position for a few minutes and RapidSet™ will go to work
- RapidSet™ 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
- RapidSet™ saves you time and effort
- 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
- RapidSet™ is formulated to reach a target strength of 20MPa after 28 days (under standard curing conditions)

YIELD

1 X 25KG BAG MAKES
0.012m³
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.



HIGH STRENGTH RAPIDSET™

HIGH STRENGTH POST HOLE MIX

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

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

- No bracing – just hold the post in position for a few minutes and High Strength RapidSet™ will go to work
- High Strength RapidSet™ 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
- High Strength RapidSet™ saves you time and effort
- 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
- 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
0.01m³
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 25kg
feet	metres	feet	metres	
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.

JUST ADD
WATER



CIVILSET®

COMMERCIAL POST HOLE MIX

**USAGE: MANHOLE WORK, POROUS SOILS,
COMMERCIAL APPLICATIONS**

BAG SIZE:
25KG

STRENGTH:
30MPa
IN 28 DAYS

WORK TIME:
2-3
MINS

SET TIME:
15
MINS



BENEFITS

- Premixable
- 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
- CivilSet® 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
- CivilSet® saves you time and effort
- 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
- 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
0.012m³
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 25kg
feet	metres	feet	metres	
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.

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 25 for more information
- 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 →	1.2m ²	24-28	16-19

This table is to be used as a guide only.



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
- High strength
- 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 25 for more information
- Airtight re-sealable pail lids mean you only use as much as you need for small repair jobs
- High Strength SuperSet™ is quick setting, and is formulated to reach a target strength of 25MPa 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	25MPa	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.

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:
25KG

STRENGTH:
30MPa
IN 28 DAYS

WORK TIME:
15
MINS

SET TIME:
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 25 for more information
- 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
0.012m³
OF PLASTER

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

To be sure you're using
the right Dricon® product
for the right job, download
our Dricon® App.

Like everything we do
for you, it's easy.



JUST ADD
WATER



TRADE MORTAR

FOR MASONRY BRICK & STONE

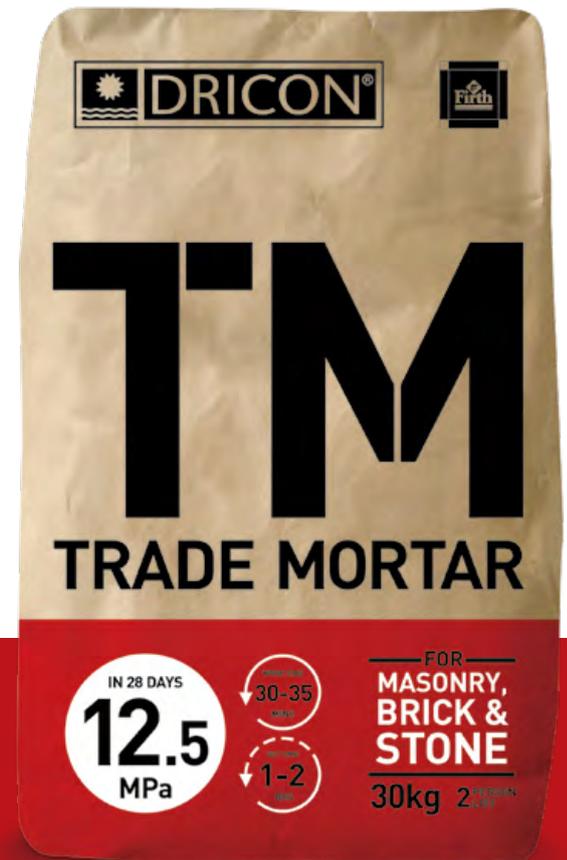
USAGE: BRICK & BLOCK LAYING

BAG SIZE:
30KG

STRENGTH:
12.5MPa
IN 28 DAYS

WORK TIME:
30-35
MINS

SET TIME:
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
- Refer to Coloured Mortar (page 16) and Oxitone® (page 25) 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



YIELD

1 X 30KG BAG MAKES
0.014m³
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

Clay Bricks 230 x 76 x 70mm	Clay Bricks 230 x 119 x 70mm	Clay Bricks 290 x 162 x 70mm	Strata Brick 290 x 75 x 70mm
42-48	33-38	40-46	32-36
Concrete Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Devonstone 290 x 160 x 70mm	Manorstone 390 x 190 x 90mm
33-38	21-26	41-46	18-24

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
- Refer to Coloured Mortar (page 16) and Oxitone® (page 25) for more information on coloured mortars
- Refer to Architectural Mortar (page 18) for water resistant formulations
- 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



YIELD

1 X 30KG BAG MAKES
0.014m³
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

Clay Bricks 230 x 76 x 70mm	Clay Bricks 230 x 119 x 70mm	Clay Bricks 290 x 162 x 70mm	Strata Brick 290 x 75 x 70mm
42-48	33-38	40-46	32-36
Concrete Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Devonstone 290 x 160 x 70mm	Manorstone 390 x 190 x 90mm
33-38	21-26	41-46	18-24



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
- 30kg bag size for ease of use
- Refer to Architectural Mortar (page 18) for water resistant formulations
- 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



YIELD

1 X 30KG BAG MAKES
0.014m³
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

Clay Bricks 230 x 76 x 70mm	Clay Bricks 230 x 119 x 70mm	Clay Bricks 290 x 162 x 70mm	Strata Brick 290 x 75 x 70mm
42-48	33-38	40-46	32-36
Concrete Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Devonstone 290 x 160 x 70mm	Manorstone 390 x 190 x 90mm
33-38	21-26	41-46	18-24

Dricon® Coloured Mortar Range

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

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.

*MADE TO ORDER

JUST ADD
WATER



VENEER MORTAR

FOR BRICK VENEERS

USAGE: BRICK VENEER INSTALLATIONS

BAG SIZE:
30KG

STRENGTH:
8MPa
IN 28 DAYS

WORK TIME:
30-35
MINS

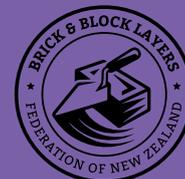
SET TIME:
1-2
HOURS



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
- Refer to Coloured Mortar (page 16) and Oxitone® (page 25) for more information on coloured mortars
- Refer to Architectural Mortar (page 18) for water resistant formulations

ENDORSED BY



YIELD

1 X 30KG BAG MAKES
0.014m³
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

Focus Brick 230 x 90 x 76mm	Clay Bricks 230 x 76 x 70mm	Clay Bricks 230 x 119 x 70mm
33-38	42-48	33-38
Strata Brick 290 x 75 x 70mm	Devonstone 290 x 160 x 70mm	Manorstone 390 x 190 x 90mm
32-36	41-46	18-24



ARCHITECTURAL MORTAR

MASONRY, BRICK & STONE

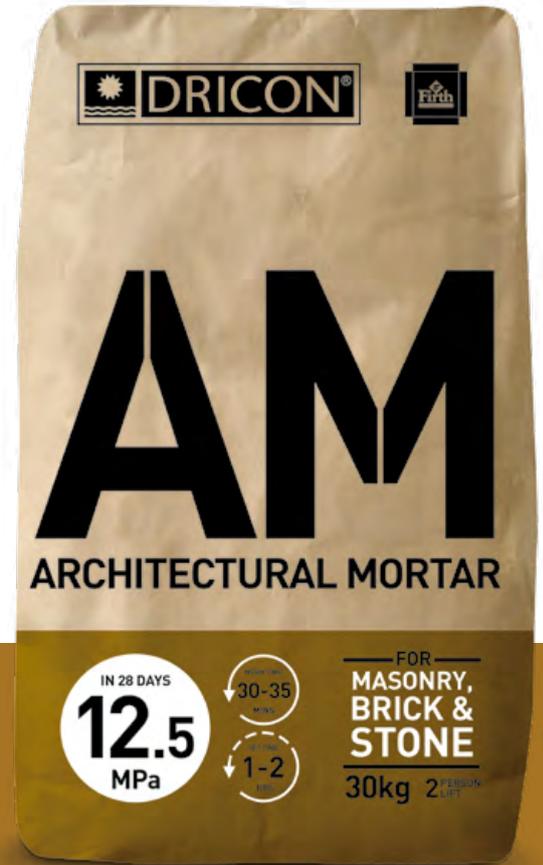
USAGE: FOR BRICK & BLOCK LAYING

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 the Firth Architectural 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
- 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



YIELD

1 X 30KG BAG MAKES
0.014m³
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.

JUST ADD
WATER



TRADE MORTAR XTRA

HIGH BOND STRENGTH MORTAR

USAGE: RECYCLED BRICKLAYING,
SCHIST & STONWORK, PAVER BEDDING

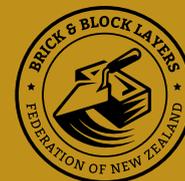
BAG SIZE: 30KG / **STRENGTH:** 12.5MPa IN 28 DAYS / **WORK TIME:** 15 MINS / **SET TIME:** 1-2 HOURS



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
- 30kg bag size for ease of use
- Can be coloured with Oxitone® oxides. Refer to page 25 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



YIELD

1 X 30KG BAG MAKES

0.014m³

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

Clay Bricks 230 x 76 x 70mm	Clay Bricks 230 x 119 x 70mm	Clay Bricks 290 x 162 x 70mm	Strata Brick 290 x 75 x 70mm
42-48	33-38	40-46	32-36
Concrete Bricks 230 x 90 x 76mm	Blocks 20 Series 390 x 190 x 190mm	Devonstone 290 x 160 x 70mm	Manorstone 390 x 190 x 90mm
33-38	21-26	41-46	18-24

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



PAVESAND™

PAVE JOINT SAND

USAGE: PAVING JOINTS IN DOMESTIC MUNICIPAL & INDUSTRIAL AREAS



BAG SIZE:
20KG

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

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

	Holland 50	Holland 80	Walkway 50	Forum	Piazza	Flagstone	Chancery
Per 20kg	6m ²	3.75m ²	9.4m ²	18m ²	12m ²	20.2m ²	24m ²

PAVELOCK®

PAVE BONDING SAND

USAGE: PAVING JOINTS IN DOMESTIC APPLICATIONS

BAG SIZE:
20KG

MEETS NZS3116:2002
CONCRETE SEGMENTAL
& FLAGSTONE PAVING



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

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

	Holland 50	Walkway 50	Piazza	Flagstone	Chancery
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.

CONCRETE TREATMENT

EFFLORESCENCE REMOVAL & 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



MOISTURE REPELLENT

USAGE: NEW & EXISTING CONCRETE, CONCRETE PAVERS, MASONRY PRODUCTS, POLISHED CONCRETE, PRE-CAST

PAIL SIZE:
5L & 20L

For larger sizes please contact your local Dricon® representative.

FINISH:
CLEAR



BENEFITS

- Reduces water intake
- Makes cleaning easier and quicker
- Minimises efflorescence
- Non-staining
- Easy to apply (spray pack, spray gun)
- Densifies concrete
- Allows concrete and masonry products to breathe
- Suitable for vertical and horizontal surfaces
- Internal & external use
- Inhibits mould & mildew growth

1 Clean the surface to be treated with an appropriate product to remove moss & algae growth if required.

2  Clean the area with Dricon® Concrete Treatment to prepare the surface for sealing, rinse thoroughly and let the area dry completely.

3 Apply Moisture Repellent in two flood coats by low pressure spray and without thinning. (Allow a minimum of 2 hours between coats.)

4 Clean all equipment with Turpentine.

YIELD
1 LITRE PER
3-5M²
PER COAT

DEPENDENT ON
CONCRETE DENSITY

To be sure you're using the right Dricon® product for the right job, download our Dricon® App. Like everything we do for you, it's easy.





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



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	

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
- Has a consistent material calculation from bag to bag
- 25kg bag size for ease of handling
- Specialised bag construction for rapid breakdown
- Design drawings available upon request



YIELD

1 METRE²

24-25

BAGS WHEN LAID ON SIDE

25KG BAG MEASURES
APPROX. 530MM X 80MM

To be sure you're using the right Dricon® product for the right job, download our Dricon® App.

Like everything we do for you, it's easy.



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 and 40kg 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 and 40kg bags and 250kg, 500kg and 1 tonne bulk 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 0.75mm 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.



BOWLING SAND

Bowling Sand is an East Coast river sand that is designed for use in artificial turf areas. In general it has a top particle size of 1mm and a bottom particle size of 0.75mm with an average size of 0.4mm.



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 0.75mm with an average size of 0.2mm.



NO. 1 SAND

No. 1 Sand is a river sand suitable for a range of uses including concretes, mortars, grouts, plasters and paint. In general it has a top particle size of 2.36mm and a bottom particle size of 0.75mm with an average size of 0.45mm.



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.



FILTRATION SAND

It is generally used in commercial filtration. In general it has a top particle size of 2.36mm and a bottom particle size of 0.6mm with an average size of 1.18mm.



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 use the Dricon® Select App.
- 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

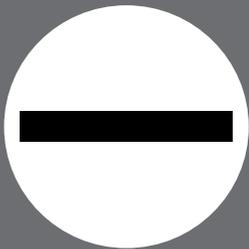
- Only mix as much mortar as you can use up in one hour. Unused mortar that has started to stiffen must be disposed of and not softened by mixing more water. Adding additional water will weaken the mix.
- For plastering and for clay bricks it is advisable to moisten the surface so that the clay bricks 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.



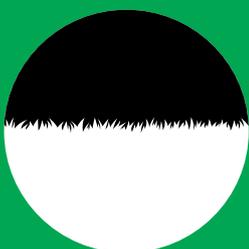
FOUNDATIONS

- 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.

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 bags are in a clean, dry place. If the contents of the bag 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.



For more information and advice:
0800 374 266 or visit firth.co.nz



Firth/Dricon supplies products on the assumption that they are always used in accordance with the product's instructions/Specifications, good trade practice and any relevant New Zealand Standards.

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