INSTANT CONCRETE SANDS MORTARS
**Quick Guide**

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**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.
WE’RE HERE TO MAKE LIFE EASY.
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®
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.

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

Note: All mortars and concrete products may exhibit a temporary ‘whitening’ otherwise known as efflorescence which neither affects strength nor durability.
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 the right Dricon® product for the right job, download our Dricon® App.
Like everything we do for you, it’s easy.

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

<table>
<thead>
<tr>
<th>Height of post above ground</th>
<th>Length of post below ground/depth of hole</th>
<th>Bags per hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>feet</td>
<td>metres</td>
<td>feet</td>
</tr>
<tr>
<td>8</td>
<td>2.4</td>
<td>2ft 7</td>
</tr>
<tr>
<td>7</td>
<td>2.1</td>
<td>2ft 4</td>
</tr>
<tr>
<td>6</td>
<td>1.8</td>
<td>2ft</td>
</tr>
<tr>
<td>5</td>
<td>1.5</td>
<td>1ft 7</td>
</tr>
<tr>
<td>4</td>
<td>1.2</td>
<td>1ft 4</td>
</tr>
<tr>
<td>3</td>
<td>0.9</td>
<td>1ft</td>
</tr>
</tbody>
</table>

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.
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

<table>
<thead>
<tr>
<th>Height of post above ground</th>
<th>Length of post below ground/depth of hole</th>
<th>Bags per hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>feet</td>
<td>metres</td>
<td>feet</td>
</tr>
<tr>
<td>8</td>
<td>2.4</td>
<td>2ft</td>
</tr>
<tr>
<td>7</td>
<td>2.1</td>
<td>2ft</td>
</tr>
<tr>
<td>6</td>
<td>1.8</td>
<td>2ft</td>
</tr>
<tr>
<td>5</td>
<td>1.5</td>
<td>1ft</td>
</tr>
<tr>
<td>4</td>
<td>1.2</td>
<td>1ft</td>
</tr>
<tr>
<td>3</td>
<td>0.9</td>
<td>1ft</td>
</tr>
</tbody>
</table>

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.
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

<table>
<thead>
<tr>
<th>Height of post above ground</th>
<th>Length of post below ground/depth of hole</th>
<th>Bags per hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>feet</td>
<td>metres</td>
<td>feet</td>
</tr>
<tr>
<td>8</td>
<td>2.4</td>
<td>2ft 7</td>
</tr>
<tr>
<td>7</td>
<td>2.1</td>
<td>2ft 4</td>
</tr>
<tr>
<td>6</td>
<td>1.8</td>
<td>2ft</td>
</tr>
<tr>
<td>5</td>
<td>1.5</td>
<td>1ft 7</td>
</tr>
<tr>
<td>4</td>
<td>1.2</td>
<td>1ft 4</td>
</tr>
<tr>
<td>3</td>
<td>0.9</td>
<td>1ft</td>
</tr>
</tbody>
</table>

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.
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.

<table>
<thead>
<tr>
<th>PLASTER</th>
<th>BRICK/BLOCKLAYING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster with a 10mm cover per 25kg</td>
<td>1.2m²</td>
</tr>
<tr>
<td>Blocks 20 Series 390 x 190 x 190mm</td>
<td>16-19</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Compressive Strength</th>
<th>24 hours</th>
<th>7 days</th>
<th>28 days</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25MPa</td>
<td>30MPa</td>
<td>40+MPa</td>
</tr>
</tbody>
</table>

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

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

**USAGE:** BRICK & BLOCK LAYING

**TRADE MORTAR FOR MASONRY BRICK & STONE**

**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**

<table>
<thead>
<tr>
<th>Brick Type</th>
<th>Number of Bricks/Laid Per Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete Bricks</td>
<td>33-38</td>
</tr>
<tr>
<td>Blocks 20 Series</td>
<td>21-26</td>
</tr>
<tr>
<td>Devonstone</td>
<td>41-46</td>
</tr>
<tr>
<td>Manorstone</td>
<td>18-24</td>
</tr>
<tr>
<td>Clay Bricks 230x76</td>
<td>42-48</td>
</tr>
<tr>
<td>Clay Bricks 230x119</td>
<td>33-38</td>
</tr>
<tr>
<td>Clay Bricks 290x162</td>
<td>40-46</td>
</tr>
<tr>
<td>Strata Brick 290x75</td>
<td>32-36</td>
</tr>
</tbody>
</table>

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

**Usage:** Brick laying

**Bag Size:** 30kg

<table>
<thead>
<tr>
<th>Strength:</th>
<th>12.5MPa in 28 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Time:</td>
<td>30-35 mins</td>
</tr>
<tr>
<td>Set Time:</td>
<td>1-2 hours</td>
</tr>
</tbody>
</table>

**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)

**Yield**

1 x 30kg bag makes 0.014m³ of mortar

**Number of Bricks/Blocks Laid Per Bag**

<table>
<thead>
<tr>
<th>Clay Bricks</th>
<th>Clay Bricks</th>
<th>Clay Bricks</th>
<th>Strata Brick</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 x 76 x 70mm</td>
<td>230 x 119 x 70mm</td>
<td>290 x 162 x 70mm</td>
<td>290 x 75 x 70mm</td>
</tr>
<tr>
<td>42-48</td>
<td>33-38</td>
<td>40-46</td>
<td>32-36</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Concrete Bricks</th>
<th>Blocks 20 Series</th>
<th>Devonstone</th>
<th>Manorstone</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 x 90 x 76mm</td>
<td>390 x 190 x 190mm</td>
<td>290 x 160 x 70mm</td>
<td>390 x 190 x 90mm</td>
</tr>
<tr>
<td>33-38</td>
<td>21-26</td>
<td>41-46</td>
<td>18-24</td>
</tr>
</tbody>
</table>

Note: All mortars and concrete products may exhibit a temporary ‘whitening’ otherwise known as efflorescence which neither affects strength nor durability.
COLOURED MORTAR
FOR MASONRY, BRICK & STONE

USAGE: FOR BRICK & BLOCKLAYING

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)

COLOURED MORTAR
FOR MASONRY, BRICK & STONE

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

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

Dricon® Coloured Mortar Range

<table>
<thead>
<tr>
<th>Cream</th>
<th>Premium White</th>
<th>Hinuera</th>
<th>MTO*</th>
<th>Pumice</th>
<th>Natural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antique Cream</td>
<td>Antique White</td>
<td>Charcoal</td>
<td>Dark Brown</td>
<td>Serenity</td>
<td>MTO*</td>
</tr>
<tr>
<td>Matakana Cream</td>
<td>Black</td>
<td>Light Brown</td>
<td>Sandy Grey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buff</td>
<td>Jet Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

16
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

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 LAIRED PER BAG

<table>
<thead>
<tr>
<th>Focus Brick 230 x 90 x 76mm</th>
<th>Clay Bricks 230 x 76 x 70mm</th>
<th>Clay Bricks 230 x 119 x 70mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>33–38</td>
<td>42–48</td>
<td>33–38</td>
</tr>
<tr>
<td>Strata Brick 290 x 75 x 70mm</td>
<td>Devonstone 290 x 160 x 70mm</td>
<td>Manorstone 390 x 190 x 90mm</td>
</tr>
<tr>
<td>32–36</td>
<td>41–46</td>
<td>18–24</td>
</tr>
</tbody>
</table>

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

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.

ARCHITECTURAL MORTAR COLOURS
- Stone
- Slate
- Onyx

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.
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)

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

<table>
<thead>
<tr>
<th>Clay Bricks 230 x 76 x 70mm</th>
<th>Clay Bricks 230 x 119 x 70mm</th>
<th>Clay Bricks 290 x 162 x 70mm</th>
<th>Strata Brick 290 x 75 x 70mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>42–48</td>
<td>33–38</td>
<td>40–46</td>
<td>32–36</td>
</tr>
<tr>
<td>Concrete Bricks 230 x 90 x 76mm</td>
<td>Blocks 20 Series 390 x 190 x 190mm</td>
<td>Devonstone 290 x 160 x 70mm</td>
<td>Manorstone 390 x 190 x 90mm</td>
</tr>
<tr>
<td>33–38</td>
<td>21–26</td>
<td>41–46</td>
<td>18–24</td>
</tr>
</tbody>
</table>

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.
PAVESAND™
Pave Joint Sand

Usage: Paving joints in domestic municipal & industrial areas

Bag size: 20kg

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

<table>
<thead>
<tr>
<th>Paver</th>
<th>Per 20kg</th>
<th>Holland 50</th>
<th>Holland 80</th>
<th>Walkway 50</th>
<th>Forum</th>
<th>Piazza</th>
<th>Flagstone</th>
<th>Chancery</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6m²</td>
<td>3.75m²</td>
<td>9.4m²</td>
<td>18m²</td>
<td>12m²</td>
<td>20.2m²</td>
<td>24m²</td>
</tr>
</tbody>
</table>

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

**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.

<table>
<thead>
<tr>
<th>Paver</th>
<th>Holland 50</th>
<th>Walkway 50</th>
<th>Piazza</th>
<th>Flagstone</th>
<th>Chancery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per 20kg</td>
<td>6m²</td>
<td>9.4m²</td>
<td>12m²</td>
<td>20.2m²</td>
<td>24m²</td>
</tr>
</tbody>
</table>

**Warning:** Pavers that have an open surface texture will trap some PaveLock® and this may cause some discoloration 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

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.

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

EFFLORESCENCE BEFORE

EFFLORESCENCE AFTER
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

**YIELD**
1 LITRE PER
3-5M² PER COAT
Depending on concrete density

**NOTE:** Moisture Repellent is not compliant with CCANZ CP01:2014 Code of Practice for weathertight concrete and concrete masonry construction
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.
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.

**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

<table>
<thead>
<tr>
<th>Product</th>
<th>Oxide Dose per Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>HandiCrete® 25kg</td>
<td>150 - 170 grams</td>
</tr>
<tr>
<td>Trade Mortar 30kg</td>
<td>350 - 370 grams</td>
</tr>
<tr>
<td>MortarPlaster 25kg</td>
<td>320 - 340 grams</td>
</tr>
<tr>
<td>High Strength HandiCrete 25kg</td>
<td>260 - 280 grams</td>
</tr>
<tr>
<td>Civil Crete 25kg</td>
<td>290 - 310 grams</td>
</tr>
<tr>
<td>Brick Mortar 30kg</td>
<td>330 - 350 grams</td>
</tr>
<tr>
<td>White or Grey Cement 20kg</td>
<td>700 - 900 grams</td>
</tr>
</tbody>
</table>
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 METRE$^2$
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.
SCORIA 25/7MM
Scoria 25/7 is a graded scoria suitable for infill, drainage and landscaping purposes. Size range is between 7 – 25mm.

SAP 7
SAP7 is a fine grade of scoria suitable for infill, drainage and landscaping purposes. 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.

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 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.

SHOTCRETE
Shotcrete is used in shotcrete spray pump machines otherwise known 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.

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.

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.

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.

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 (BS EN 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 0.45mm. 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 0.75um with an average size of 0.4mm.

IRON 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. 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 0.75um with an average size of 0.45mm.

FOUNDARY 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.
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 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.

• 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.

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• 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.
ENVIROMENTAL 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 lifecycle. 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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