



## KINGFISHER DRI-WALL CREAM

### DESCRIPTION

**Kingfisher DRI-WALL CREAM** is a revolutionary new material developed specifically for the control of rising damp. It comes in the form of a water repellent cream, packed in a 1000ml cartridge and 380ml tube. **Kingfisher DRI-WALL CREAM** is injected by means of a simple applicator gun into a series of pre drilled holes in the mortar course.

Once installed, **DRI-WALL** uses the moisture contained in the damp wall to diffuse where it is most needed before curing to create a water repellent resin. **Kingfisher DRI-WALL CREAM** has many advantages over other conventional injection systems:

- Quick and Easy to install. - No double drilling or waiting for fluid to soak in under pressure.
- Less operator dependence and scope for operator error.
- Concentrated formula does not introduce high volumes of liquid carrier into the wall.
- Over 40% active ingredient.
- Consistent application rate.
- No “fluid flooding” problems.
- No powered injection pump required.

### Application Guide

Wall Thickness	4.5" (110mm)	9" (220mm)	13.5" (330mm)	18" (440mm)
<b>Length of Wall</b>				
10 metres	0.9 ltr	1.9 ltr	2.9 ltr	3.9 ltr
20 metres	1.8 ltr	3.8 ltr	5.8 ltr	7.8 ltr
30 metres	2.7 ltr	5.7 ltr	8.7 ltr	11.7 ltr
40 metres	3.6 ltr	6.6 ltr	11.6 ltr	15.6 ltr

**Note :- Different site conditions may cause variation. Allow an extra 10% in estimate.**

### PREPARATION

Remove skirting boards and hack off affected plaster back to brickwork and to a minimum height of 1.5 metres to identify and expose the mortar course being targeted for treatment. Measure the thickness of each wall to be treated.

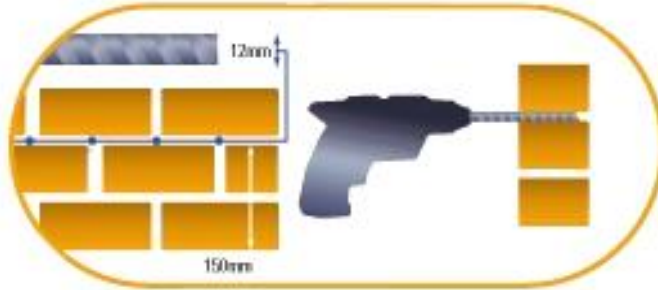
The system requires 12mm diameter holes to be drilled at horizontal centres no greater than 120mm apart. The depth of hole required for various thicknesses of wall is shown in the table Fig1 below. For all other walls the depth of hole should be to within 40mm of the opposite face.

In all cases the most effective target site is to drill horizontally, directly into the mortar course, preferably at the base of all perpend of the selected course.

Set drill depth gauge, or apply tape to the drill bit in order to identify the correct drilling depth as shown in the table Fig1 page 2.

**Fig.1**

<u>Wall Thickness.</u>	<u>4½ "(110mm)</u>	<u>9"(220mm)</u>	<u>13½ "(330mm)</u>	<u>18"(440mm)</u>
Depth of Hole Required.	100mm	190mm.	310mm.	430mm.
Hole Centres.	120mm	120mm.	120mm.	120mm.



### **Solid Brick Walls**

In virtually all cases solid brick walls may be drilled / treated from one side only in a single operation. Drill the selected mortar course at the prescribed centres to the appropriate depth in accordance with the chart Fig 1.

### **Cavity Walls**

Cavity walls may be drilled/treated from one side in a single operation or if preferred each leaf may be treated separately. When undertaking treatment from one side, drill completely through the selected mortar course, allow the drill to pass across the cavity and then drill the other leaf of brickwork to a depth of 90mm. The viscosity of the **Kingfisher DRI-WALL CREAM** is such that it is possible to treat each leaf from a single drilling operation. Always ensure the cavity is clear before treatment.

### **Random Stone and Rubble Infill Walls**

As far as practically possible follow the mortar course at the appropriate selected level. If the stone is of a porous type e.g. sandstone, then there is no reason why this may not be drilled.

The variable thickness of stone walls and the possibility of rubble infill dropping and blocking injection holes cause difficulties for any system. Should these difficulties occur it may be necessary to drill to 50% of the wall thickness, from both side at a corresponding height.

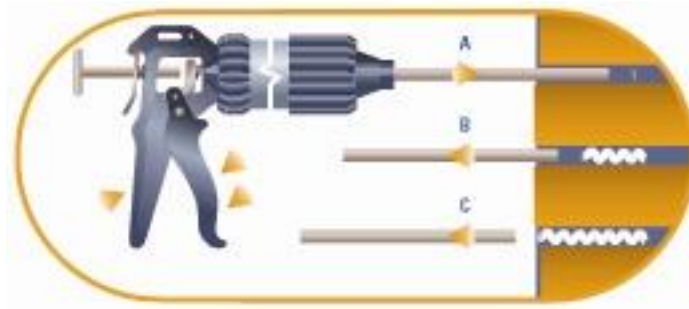
Alternatively drill additional holes, adjacent to obstructed holes to ensure that an adequate volume of **Kingfisher DRI-WALL CREAM** is introduced.

### **Kingfisher DRI-WALL CREAM in Action**



### **Kingfisher DRI-WALL CREAM Injection Process**

Insert delivery tube of application gun into the full depth of the pre drilled hole. Squeeze the gun trigger and back fill each hole fully with **Kingfisher DRI-WALL CREAM** to within one centimetre of the surface. When treating cavity walls from one side make certain that the holes in each leaf are filled.



Dispose of used cartridges in a plastic bag in accordance with local waste regulations.

### **Making Good / Replastering**

All drilled holes should either be plugged or pointed over.

In common with all remedial damp course systems the adequate removal and correct replastering of internal salt contaminated plaster is an essential requirement.

### **PACKAGING**

**Kingfisher DRI-WALL CREAM** is supplied in boxes of 8 x 1000ml plastic cartridges.

### **GENERAL & HEALTH and SAFETY Information.**

- Accidental Spillage..... In the event of accidental spillage the material should be wiped up immediately and the wipes placed in a plastic bag and disposed of appropriately.
- Contaminated surfaces should be washed immediately with warm soapy water.
- Protective equipment...Wear nitrile or similar gloves. Avoid contact with skin and wear suitable eye protection.
- In all cases **Kingfisher DRI-WALL CREAM** should be installed, as far as is reasonably practical, in accordance with the BS Code of practice for “ Installation of Damp Proof Courses” BS. 6576(1985).
- **Kingfisher DRI-WALL CREAM** has not been designed for surface application. Should white surface staining occur around the injection site this may be brushed off when dry.
- **DRI-WALL** can sometimes spread through wet plaster.
- Always read instructions and Health and Safety Data before using the product.

### **STORAGE**

Store in a cool, dry location and protect from frost.



For further Health and Safety information on this product please refer to the Kingfisher Safety Data Sheet, copies of which are available from the Kingfisher Technical Dept. Tel. 01229 869100 or Fax 01229 868101.

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