



Alliance Remedial Supplies Limited



DRYFIX® DPC INJECTION CREAM DATA SHEET

FEATURES

DryFix® DPC injection cream is an advanced silicone based technology used in the control of rising damp.

It is a cream that is injected into holes drilled along a mortar bed using either a standard 400ml mastic applicator gun or a 5 litre applicator pump with an extension lance. Once installed, the high strength formulation spreads along the mortar bed before curing to form a damp-proof course.

The patented installation method has been optimised to ensure that it is effective on a wide range of mortar types, including porous and low-alkalinity mortars as well as stone and rubble filled walls.

DryFix® DPC injection cream has high levels of active ingredients and is independently accredited by the BBA, certificate number 16/5313.

BENEFITS

- Easy to install, no specialist equipment required
- Virtually odourless
- Non-hazardous to the environment
- Ready to use
- Fully cured within 2 – 6 weeks

In all cases, a remedial chemical damp proof course should, as far as is possible, be installed in accordance with the British Standard 'Code of Practice for Installation of Chemical Damp Proof Courses' BS 6576 (2005). In particular, the inserted DPC should be below the level of timber floors. Contaminated plaster should be replaced in accordance with BS6576 (2005). New plaster should not bridge the DPC.

APPLICATION

Set your SDS drill to rotary hammer and select a 12mm drill bit in excess of the required drill depth. Depending on the thickness of the wall, mark the drill bit off to the relevant drill depth taken from the coverage rate box below.

When treating from outside a row of holes should be drilled into the mortar course 120 mm apart and approximately 150 mm above the ground. When treating from the inside the holes should be drilled into the lowest accessible mortar course. Drill the holes to the necessary depth ensuring you reduce your drilling pressure once you reach 40 mm short of the full hole depth. Reducing pressure ensures a cleaner hole and prevents damage to the far side of the wall.



Insert a DryFix® cartridge into the mastic applicator gun, ensuring the pressure piston is fully extended. Cut into the end of the cartridge so that cream will be able to flow freely. Screw the nozzle cap onto the cartridge. (When using the 5 litre bucket pour sufficient volume into a 5 litre applicator pump with brass injection lance).

Fully insert the nozzle extension into the first drilled hole, and then inject the cream while withdrawing the nozzle at a steady rate. Stop injecting just before removing the nozzle from the wall. Repeat for remaining holes.

It may be necessary to use more cream under certain conditions, e.g. where the mortar course does not form a straight line, brick and mortar is very porous or for rubble infill walls. Allow for 10% additional material.

Vertical DPCs should be provided to connect horizontal DPCs where ground levels change and to isolate untreated wall areas (adjoining properties, garden walls etc.). In most cases, solid brick walls may be drilled/injected from one side only. For cavity walls each leaf may be dealt with as separate 115mm thick wall. Alternatively, if preferred, drill through the selected mortar course, across the cavity, then drill the other leaf of brickwork to a depth of 90-100mm and inject in one continuous process.

For cavity walls each leaf may be dealt with as a separate 115 mm thick wall, (see drilling depth below). Alternatively, if preferred, drill through the selected mortar course, across the cavity, then drill the outer leaf of brickwork to a depth of 90 - 100 mm and inject in one continuous process (the physical properties of DryFix® ensure the cream remains in contact with the surrounding mortar even when the mortar bed is drilled through in this way). Always ensure that the cavity is clear before treatment.

Spilt material should be wiped up immediately and the wipes disposed of appropriately. Contaminated surfaces should be washed immediately with warm soapy water. If DryFix® DPC cream penetrates non-target surfaces (e.g. a patio slab) it will normally dry to a clear finish. Silicone resin formulations may cause mild irritation. Wear lightweight impervious gloves when handling. Wash splashes from skin and eyes immediately. Wash hands and exposed skin before meals and after use. Keep in original container, tightly closed, in a safe place.

COVERAGE RATE

Wall thickness	115mm (4.5")	230mm (9.0")	345mm (13.5")
Drilling Depth	100mm	200mm	310mm
Drilling Diameter	12mm	12mm	12mm
1metre of Wall	100ml	200ml	310ml
380ml Cartridge	3.8mtrs	1.9mtrs	1mtr
No of 380ml cartridges per 10mtrs of wall	3	5	7
5 litre Bucket	50mtrs	25mtrs	16mtrs

PROPERTIES

Appearance	Thick, white cream
Size(s) & Packaging	380ml mastic cartridge and 5Ltr plastic bucket
Storage	Store flat and in a cool, dry, well ventilated place. Keep container closed.
Shelf Life	1 year in unopened pack.

For further technical advice please contact Alliance Remedial Supplies Ltd