

# COSTAR DAMPMASTER 20

## Injection Silane for Dampness

### Description

Costar Dampmaster 20 is water based injection silane which when injected into the mortar course, it diffuses within the damp wall to form a Damp Proof Course (DPC), will allow the wall to dry and block future rising damp.

### Advantages

- Simple and Fast application
- Does not require special injection pump
- Eliminate need for preliminary water tight sealing around injection holes
- Water based and non-flammable

### Application Areas

Costar Dampmaster 20 can be used to treat rising damp in all masonry walls such as solid bricks, cavity walls, rubble infill walls etc.

### Application Instruction

#### Drill holes

For treatment to be effective, the system requires 12 mm diameter holes to be drilled at horizontal centers no greater than 120 mm apart. The depth of the holes required for various wall thicknesses is shown in the table below. For all other wall thickness, the depth of the holes shall be within 40 mm of the opposite side.

Wall thickness	Hole depth
110 mm	100 mm
220 mm	190 mm
330 mm	310 mm
440 mm	420 mm

Drill should be done horizontally, directly into the mortar course, preferably at the base ends of the bricks of the course selected. After the drilling operation, each individual hole needs to be thoroughly cleaned using a clean compressed dry air blower.

#### Substrate Preparation

Where required remove skirting boards and/or render/plaster to identify and expose the original masonry and the appropriate mortar course to be treated. Measure the thickness of each wall to be treated. Set the depth gauge of the drill or apply tape to the drill bit in order to identify the correct drilling depth.

#### Injection

Insert the delivery tube of the application gun into the full depth of the pre-drilled hole. Squeeze the gun trigger and back fill each hole fully with Costar Dampmaster 20 to within 1 cm of the surface. When treating cavity walls from one side fill the holes completely in each side wall. Dispose used sausages in a plastic bag and in accordance with local regulations.

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### Making good of holes

All drilled holes shall either be plugged or filled and pointed over using appropriate Costar mortars.

Some white surface stains may occur around the injection site. If these occur, simply brush them off when dry.

### Consumption

The table below shows the theoretical number of sausages consumed per wall thickness

Length of wall	Wall thickness			
	110 mm	220 mm	330 mm	440 mm
10 m	1.5	3.0	5.1	7.0
20 m	3.0	6.0	10.2	13.0
30 m	4.6	9.0	15.3	21.0
40 m	6.1	12.0	20.4	28.0

Note: Variable site conditions can obviously cause variations in consumption. Always allow at least an extra 10 % when estimating the quantity of material required

### Packaging

- 600 ml sausage (Boxes of 10 sausages)
- 300 ml cartridge (Boxes of 12 cartridges)
- 2Kg
- 5Kg

### Shelf life

12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.

### Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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