

COSTAR DAMPMASTER 10

Cementitious Injection Mortar

Description

Costar Dampmaster 10 is a Cementitious Injection Mortar that diffuses within the damp wall to form a Damp Proof Course (DPC) when injected into the wall area or mortar affected by dampness.

Benefits

- Cement based and non-flammable.
- Spillage virtually eliminated from the site.
- Simple and fast application.
- Does not require special injection.
- Eliminate need for preliminary watertight sealing around injection holes.

Application Areas

Costar Dampmaster 10 can be used to treat rising damp in all masonry walls such as: Solid brick, Cavity walls, rubble infill walls etc.

Application Instruction

Drill holes

For efficient treatment, 12mm diameter holes is to be drilled at horizontal centers no greater than 120mm apart. The table below shows the depth of holes required for different wall thickness. For all other wall thickness, the depth of the holes shall be within 40mm of the opposite side.

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

Drilling 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 holes 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 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 10 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.

Making good of holes

All drilled holes shall either be plugged or filled and pointed overusing appropriate Costar mortars. Some surface stains may occur around the injection site which can be easily brushed off when dry.

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Call Us:
+9254348314

E-mail Us
Info@costarchem.com

Office Address:
5041 Mountaire Area, Antioch, California, USA

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Composition

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

Length of wall	Wall thickness			
	110mm	220mm	330mm	440mm
10m	1.5	3.0	5.1	2.0
20m	3.0	6.0	10.2	13.0
30m	4.6	9.0	15.3	21.0
40m	6.1	12.0	20.4	23.0

Note: Variable site conditions can obviously cause variation 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 undamped, unopened, original sealed packaging.

Warranty

The information and recommendations relating to the application of Costar products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costar endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costar reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request

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