



Horizontal Barrier Sticks

[Secco Horizontalsperren-Sticks]

fibre rods impregnated with a water-repellent agent

Areas of application:

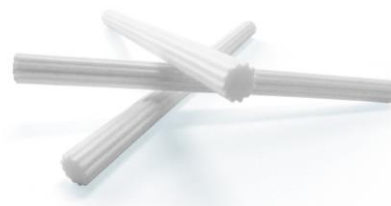
- subsequent chemical horizontal barrier to help prevent capillary rising damp in masonry, mortar and concrete components
- can be used with all mineral building materials, except for aerated concrete

Properties / method of action:

- the water-repellent material within the **Secco Horizontal Barrier Sticks [Secco Horizontalsperren-Sticks]** (which is silane/siloxane-based) penetrates the masonry to form an effective barrier that protects against rising damp
- solvent-free
- breathable (no impairment of water vapour permeability)
- no additional assembly tools are needed
- very easy and fast application
- very easy and simple to calculate the consumption volume
- to be accurately calculated

Technical data:

Colour:	white
Dimensions/shape:	length: 180 mm diameter: 12 mm
Working temperature:	handling of the product only starts to become critical at temperatures above 40°C



Instructions for use:

Important: Do not open the packaging until all of the preparatory work has been completed so that uncontrolled volatilisation of the active ingredient cannot occur!

Observe any preliminary investigation, planning and execution in accordance with the WTA bulletin 'Masonry injection to prevent capillary moisture'.

Plaster that has been contaminated by moisture and/or salts (especially gypsum plaster!) must be completely removed both above and below the level of the horizontal barrier and must be replaced with a suitable plaster such as **Secco Base and Dehumidifying Plaster [Secco Sockel- und Entfeuchtungsputz]** or **Secco Activepor**.

Care must be taken to arrange the horizontal barrier in such a way that 'skipping' due to penetrating and rising moisture (or due to splash water in external areas) is prevented. If the horizontal barrier is above the level of the floor (inside), the interior wall surface below should also be waterproofed using **Secco Due**, **Secco Barrier Plaster [Secco Sperrputz]** or **Secco Waterproof**.

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Once the position of the horizontal barrier has been determined, a 12 mm drill bit should be used to drill holes at centre distances of 120 mm in the mortar joint of the interior wall – ensure the drill is set to ‘hammer drilling’. The drill hole ends at a maximum distance of 50 mm before the back of the wall (i.e. the ‘back of wall’ distance to ‘end of drill hole’ distance must not exceed 50 mm). Any loose particles and drilling dust should then be removed from the drill hole.

Only open the packaging at this point. Individually remove the **Secco Horizontal Barrier Sticks [Secco Horizontalsperren-Sticks]** and ensure that the health and safety instructions are followed; insert them right up to the end of the drill hole. If a **Secco Horizontal Barrier Stick [Secco Horizontalsperren-Sticks]** is not long enough, insert another stick – which can be shortened to the required length using a cutter – right up next to the previous stick. The stick will not end flush with the front of the wall, but will recede by a maximum of 50 mm. The remaining drill hole should then be sealed with a mortar plug (e.g. using **Secco Due**, **Secco Barrier Plaster [Secco Sperrputz]** or **Secco Waterproof**).

The total stick length must therefore not be less than the ‘total wall thickness’ /. 100 mm’ dimension.

Usage/coverage:

The exact usage must be calculated for each item. The following table can be used as a guide; base: sticks end 50 mm from the back or front side of the wall:

Wall thickness d [cm]	Quantity of Secco Horizontal Barrier Sticks [per running metre of wall]
11.5	approx. 1
17.5	approx. 4
24	approx. 7
36.5	approx. 12
40	approx. 14

Storage:

Store flat, in cool and dry conditions. Best before: see details printed on the side of the packaging. Once the container has been opened: if kept in packaging that has been properly resealed, **Secco Horizontal Barrier Sticks [Secco Horizontalsperren-Sticks]** can be used for a maximum of 2-3 days.

Dimensions / Delivery form / Item No. / EAN No.:

180 mm sticks, Ø 12 mm / 10 sticks per pack / FS180HS / 4260122568611

Other:

The requirements of the EC Safety Data Sheet must be adhered to.

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