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# Installation Instructions

## DEKWALL



# INSTALLATION INSTRUCTIONS

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### (Preparation)

#### Substrate preparation

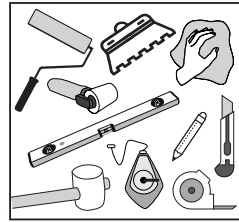
Substrate must be level, smooth, permanently dry, firm and free of cracks, dirt and adhesion-inhibiting substances.

Old chalk, adhesive and oil paint residues must be roughened with a steel brush in order to obtain an absorptive substrate. Oil residues must be removed completely. The surface of any type of suitable wood or cork substrate must be structurally sound and solid, securely fixed, clean and free of all oil, grease, wax, dirt, varnish, shellac, or any contaminant which might act as a bond breaker. Any unevenness must be levelled with an appropriate levelling compound. Gypsum plaster and gypsum carton tiles as well as other very absorptive substrates must be primed (WAKOL D 3074, diluted 1:2 with water). Check/read the information about dilution and drying time of the primers.

The methods required to properly prepare the substrate vary with the type of substrate its surface and condition. Usually, several methods of preparing a Substrate are available. Some methods are used because they are cheaper, easier or faster, depending on the size of the installation. However, taking short cuts in proper substrate preparation can result in installation problems and failures.

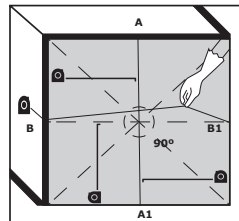
### (During installation)

#### Tools

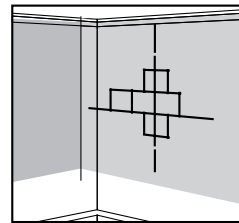


Rubber hammer, trowel, hand pressure roller, tape measure, craft knife, pencil, straight edge, chalk line, cloth, mohair, short hair roller.

#### Measure



Find the center of the wall using a chalk line. Draw two symmetrical axes and use these as a starting point. Check if the intersection of the two lines forms a 90° angle. Check the wall dimension by measuring from the middle.



Make sure that the widths of the tiles that will be near corners are equal and bigger than 5cm (2").

If necessary repeat the previous step by drawing new parallel lines to the first ones.

Mark out the position of the first panel by finding the best location against these two axes, starting from the point of intersection.

#### Recommended adhesive

Install Amorim Wise Dekwall using Wicanders W240 Contact adhesive. For the correct use follow the instructions of application of the products on the packaging labels, very carefully, as well as the information from technical data sheets.

Contact adhesive should be applied to the substrate and also to the tiles.

### (Prior to installation)

#### Transportation

Transport and store the cartons horizontally.

Packed tiles should be acclimatized at the job site in a dry, well-ventilated area for a minimum of 48 hours so that flooring may acclimate.

Remove tiles from packages just before starting the installation.

During storage and installation, maintain temperature and relative humidity to a level consistent with the conditions which will prevail when the building is occupied. In most cases, this means maintaining a temperature range from 18°C to 28°C (65°F to 82°F) and relative humidity range from 35% to 65%. In order to reach this climate, use heating or air conditioning in the appropriate duration of time before starting the installation.

Amorim Wise shade variation is an inherent and attractive characteristic. To achieve the most pleasant blend of shades, shuffle the planks before installation.

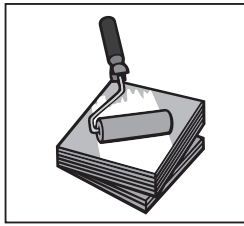
#### Site inspection

Prior to installation, please inspect the tiles in daylight for any visible faults or damage, and also check if the substrate and site conditions are in accordance with the specifications described within these instructions.

Amorim Revestimentos cannot be held responsible for claims associated with improper subfloors, improper applications, adhesives, varnishes and the use of maintenance products not recommended, or detectable defects verifiable prior to installation.

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1

Stir the adhesive well, before using.

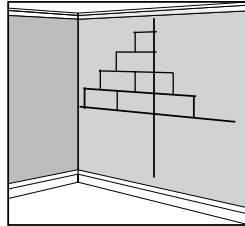
Apply the Wicanders W240 Contact adhesive with a mohair short hair roller to the backing of the cork tiles and on the wall.

Wait until the adhesive dries (about 45- 60 minutes).

After the adhesive is dry and you will see the lines again

Avoid pooling of adhesive. Coverage should be 150g/ m<sup>2</sup> on the tile and 150g/ m<sup>2</sup> on the wall.

Note: 1 gal. covers 180 sqft. when covering both the tile and the substrate.



2

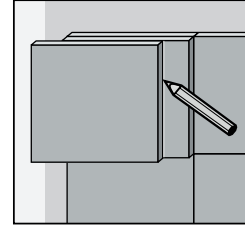
To get a different and more attractive finish, proceed as follow:

Align one corner of the tile against the two axes and then carefully place down the rest of the tile.

Carefully align the next tile to the first and continue to stick the tiles to the wall.

Do not apply too much pressure when placing the tiles in order to be able to remove them if necessary, because after the tile sticks, it is very difficult to remove.

When the tile is in place, press with your hand to ensure that all parts are in contact with the wall adhesive. After use a rubber hammer to make sure all parts of the tile are well secured to the wall.



3

Do not apply too much pressure when placing the tiles in order to be able to remove them if necessary, because after the tile sticks, it is very difficult to remove.

When the tile is in place, press with your hand to ensure that all parts are in contact with the wall adhesive. After use a rubber hammer to make sure all parts of the tile are well secured to the wall.

To cut the panels to the required size, proceed as shown in Picture

**Drying Time of Wicanders W240 Contact adhesive:** Let the adhesive dry completely (after it has dried the adhesive becomes transparent). Drying time is about 45-60 minutes, depending on the temperature and the relative humidity on site.

Open Time Wicanders W240:

Tiles: Pre-coated tiles may be stacked after drying and stored, protected from light, up to 1 day.

Substrate: Has an open assembly time of about 2-3 hours from the time on when the adhesive coat becomes transparent. If you are working with pre-coated tiles, the time will be reduced to 1 hour.

Amorim Dekwall should be installed as "Brick-Bond" layout

Carefully place the central panel in position and press it gently, especially at the edges.

The final tile of each row should only be installed if the previous row is already completed.