

Rules for the installation of Wicanders Dekwall using contact adhesive WICANDERS W-240

Please read these instructions thoroughly in conjunction with relevant country standards before starting the installation.

Substrates

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). Observe 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. Many times, several methods of preparing a Substrate are available. Some methods are used because they are cheaper, easier or faster, depending upon the size of the job. However, taking short cuts in proper substrate preparation can be an invitation to installation problems and failures.

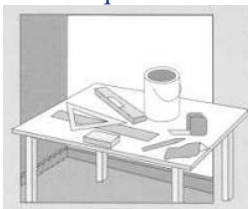
Dekwall Laying

Packaged tiles, adhesive should be acclimatized at job site in dry, well-ventilated area for a minimum of 48 hours. Remove tiles from packages just before starting laying. During the installation, maintain temperature and relative humidity to level consistent with those conditions, which will prevail when building is occupied. This means maintaining temperature range of 18°C to 28°C (65 F to 82F) and relative humidity range of 35% to 65%. In order to reach this climate, use heating or air conditioning for appropriate length of time prior to beginning installation.

WICANDERS Deckwall is a natural product and some shade variation is an inherent and attractive characteristic. To achieve the most pleasing blend of shades, shuffle different packs before laying.

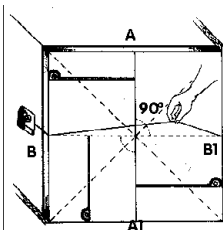
To achieve the most pleasing blend of shades, shuffle before laying.

Tools required



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

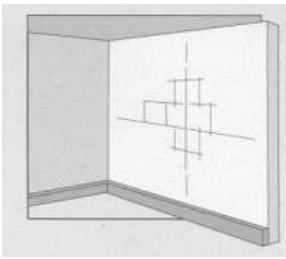
Measurements



Find the centre 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.

Install Dekwall using adhesive WICANDERS W-240. 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 subfloor and also to the tiles.

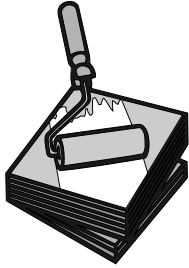


Check the wall dimension by measuring from the middle.

Make sure that the widths of the tiles that will be near corners are identical and greater than 5 cm.

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.



Stir the adhesive well, before using.

Apply the adhesive W 240 with 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 clear and you will see the lines again

Avoid pooling of adhesive. Coverage should be 150g/sqm on the tile and 150g/sqm on the wall.

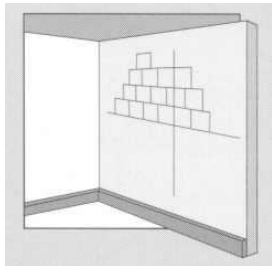
Drying Time W-240:

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 W-240:

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

Subfloor: 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



Dekwall should be installed as “Brick-Bond” layout

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

Arrange the remaining panels in numerical sequence

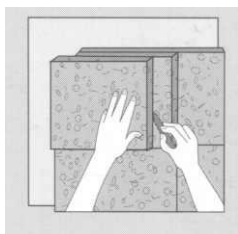
To get a different and more attractive finish, proceed as follow:

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.



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