



ARDEX Tile Mortar Thicknesses over Membranes

We are writing to confirm our thickness recommendations when installing ARDEX tile mortars over membranes.

This will confirm that, when being installed over liquid-applied membranes, such as ARDEX 8+9 or ARDEX S 1-K, sheet membranes, such as ARDEX SK 175 and ARDEX DS 70, or bonded uncoupling membranes, such as ARDEX UI 740 FLEXBONE, ARDEX tile mortars must be installed at a maximum thickness of $\frac{3}{8}$ " ($\frac{3}{4}$ " x $\frac{3}{4}$ " notch trowel).

When being installed over unbonded uncoupling membranes, such as ARDEX UI 720 FLEXBONE, ARDEX tile mortars must be installed at a maximum thickness of $\frac{1}{4}$ " ($\frac{1}{2}$ " x $\frac{1}{2}$ " notch trowel).

Please note that proper substrate preparation is critical prior to the installation of membranes. Proper substrate preparation is not only crucial to installation success, but also reduces the likelihood that a thick bed of mortar will be required.

For details regarding which ARDEX tile mortars are approved over ARDEX 8+9 in exterior applications, [please see Update 109](#).

Should you have any questions on this information, or if we can be of further assistance, please contact the ARDEX Technical Service Department.

Tivona Schneider
Technical Communications Supervisor