



PROFILE OF INNOVATION

Schluter®-DITRA



THE UNIVERSAL UNDERLAYMENT FOR TILE AND STONE
UNCOUPLING MEMBRANE

Installation Instructions

For complete installation guidelines and warranty criteria for Schluter®-DITRA on the aforementioned substrates, please contact Schluter Systems for a copy of the Schluter®-DITRA Installation Handbook (USA: 800-472-4588; Canada: 800-667-8746), or download it from our website at: http://www.schluter.com/english/products/002/pdf/ditra_handbook.pdf. The DITRA Installation Handbook should be consulted before beginning product installation.

INSTALLATION

For centuries, builders have relied upon the uncoupling principle to lay tile. Unlike today's direct bond installations in which tile is bonded directly to the substrate, an uncoupled installation allows independent movement between the tile covering and the substrate, neutralizing differential movement stresses between the substrate and tile covering. This is particularly important with the use of today's thinner, larger-format tiles and lightweight building materials.

Easy Step-by-Step Installation

A step-by-step installation video is available. E-mail us at info@schluter.com or call us at 1-800-472-4588 (USA) or 1-800-667-8746 (Canada). To see a video clip, go to www.schluter.com.



Using a thin-set mortar that is suitable for the substrate, apply the thin-set mortar (mixed to a fairly fluid consistency, but still able to hold a notch) using a 1/4" x 3/16" (6 mm x 5 mm) or 5/16" x 5/16" (8 mm x 8 mm) V-notched trowel.



Apply Schluter®-DITRA to the floor, fleece side down. Work DITRA into the mortar, using a float or screed trowel in such a way that the fleece of the DITRA is solidly embedded in the bonding mortar throughout its entire surface (please observe the open time of the bonding mortar). After applying DITRA, lift up one corner to check the fleece for full mortar coverage. For joining sections of DITRA, simply abut end and side sections of adjacent sheets.



Tile can be installed over Schluter®-DITRA immediately; no need to wait for the mortar to cure. Using a trowel that is appropriate for the size of the tile, apply the bonding mortar (unmodified thin-set mortar) and solidly embed the tiles in the setting material, making sure to achieve full coverage.

ESTIMATED THIN-SET COVERAGE

To bond DITRA to the substrate: Use one 50-lb. (22.68 kg) bag of mortar per 150 - 200 ft² (13.9 - 18.6 m²).

To bond the tile to the DITRA, using a 1/4" x 3/8" (6 mm x 10 mm) square- or U-notched trowel: Use one 50-lb (22.68 kg) bag of mortar per 60 - 65 ft² (5.6 - 6.0 m²).