



ARDEX D 14TM

Type 1 Premixed Tile Adhesive

Use for setting quarry, ceramic, mosaic and moisture-insensitive stone tile.

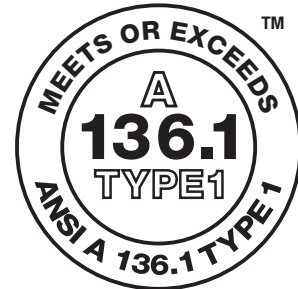
Also sets porcelain tile over absorbent surfaces.

Use for interior walls, floors, and countertops.

Use to install tile in tub surround applications.

Easy to use and apply.

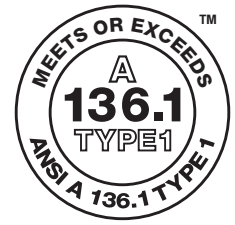
Good sag resistance. Hangs up to 12" x 12" tile.



ARDEX ENGINEERED CEMENTS
400 Ardex Park Drive
Aliquippa, PA 15001 USA
Tel: 724-203-5000
Toll Free: 888-512-7339
Fax: 724-203-5001
www.ardex.com

ARDEX D 14™

Type 1 Premixed Tile Adhesive



Usage

For setting quarry, ceramic, mosaic and moisture-insensitive stone tile over interior surfaces. Also use for setting porcelain tile over absorbent interior surfaces.

Use over interior concrete, concrete block, drywall, plaster, brick and existing tile. ARDEX D 14™ TYPE 1 PREMIXED TILE ADHESIVE can be used for tub surrounds and in intermittent wet areas.

Description

White, ready-to-use tile adhesive (mastic) that meets or exceeds ANSI A 136.1, Type 1 requirements.

Substrate Preparation

All surfaces should be structurally sound, solid and free from any contaminant that can act as a bond breaker, including excessive moisture and/or alkali. Remove dirt, wax, loose paint and all foreign matter that would interfere with a good bond, such as curing agents and sealers. Glossy painted surfaces and glazed ceramic must be abraded.

Refer to ANSI A 108 AN-2 "General Requirements for Subsurfaces" and the Tile Council of North America's "Handbook for Ceramic Tile Installation" for detailed information on surface preparation and guidelines for substrate construction. The plane of wall surfaces must be plumb and true. Floor surfaces must have minimal variation in plane or slope.

Should pre-leveling be required, use ARDEX AM 100™ PRE-TILE REPAIR MORTAR or ARDEX TL 1000™ TILE LEVELER. Tiling with ARDEX D 14 may proceed in 24 hours.

Expansion joints must be provided over existing moving joints and cracks, and where substrate materials change composition or direction, per ANSI A 108 AN-3.7.

Application

Stir any liquid that may have pooled on the surface into the adhesive. Select the proper trowel notch based on the tile being installed. Spread the adhesive fully and evenly with the flat side of a trowel to obtain a good mechanical bond. Do not leave any bare spots. Comb back through the adhesive with the notched side of the trowel. Apply to an area no greater than can be covered with tile while the adhesive remains plastic (approximately 1 hour open time, depending on substrate and job site conditions). Install tile immediately. Do not spread more adhesive than can easily be covered in 60 minutes. Do not allow the adhesive to skin over.

Most wall tiles up to 12" x 12" should be able to be installed without slipping. Quarry tiles over 8" x 8" may slip slightly while being installed. Very heavy tiles may also slip slightly.

The maximum size of floor tile to be installed is 6" x 6". Firmly press the tile into the adhesive to obtain maximum contact between the back of the tile and adhesive. Remove any adhesive residue from the face of the tiles and the joints immediately after setting the tile.

Installation should proceed in accordance with ANSI A 108.5. High temperatures will shorten the working and drying times. Low temperatures will extend these times. Use ARDEX D 14 only when the substrate and ambient temperatures are over 50°F (10°C).

Grouting

Allow floor tile installations to dry for 48 hours before grouting. Wall tile installations can be grouted after 24 hours. ARDEX recommends the use of ARDEX FLEX SANDED™ and ARDEX FLEX UNSANDED™ grouts in accordance with ANSI A 108.10.

Notes

Do not use for lug-back ceramic tile or pre-grouted wall tile sheets.

Glossy painted surfaces and glazed ceramic tile must be abraded.

Do not use over mortar beds, in gang showers, or over walls made of plywood, or particleboard.

Use ARDEX X 701™ SUPER FLEX MORTAR to set non-porous tile on non-porous substrates and in wet areas requiring a waterproofing membrane. In cases requiring waterproofing, refer to the ARDEX technical brochures for ARDEX waterproofing compounds.

For setting moisture-sensitive stones on interior applications, use ARDEX S 16™ or ARDEX S 20™.

For setting and grouting tiles in high stress areas, hot tubs and water-holding tanks, use ARDEX WA™ Epoxy Grout and Adhesive.

ARDEX recommends the installation of test areas to confirm the suitability of the product for the intended use.

ARDEX D 14 must be worked at temperatures over 50°F (10°C).

For complete safety information, please refer to the Material Safety Data Sheet, or visit our website at www.ardex.com.

Technical Data According To Ardex Quality Standards

Coverage on Smooth Substrate:

175 sq. ft. per pail using a 5/32" V-notch trowel

105 sq. ft. per pail using a 1/4"x1/4"x1/4" square notch trowel

Open Time:

None – sets tiles immediately

Working Time:

Approx. 60 minutes

Time to Grout:

Walls after 24 hours; Floors after 48 hours

Packaging:

3.5 gallon pail

Storage:

Store in a cool dry area
Do not expose container to sun

Shelf Life:

One year

Warranty:

Please see the Ardex
Tile & Stone Warranty Brochure

Limited Warranty

Ardex, L.P. warrants that if this product proves to have manufacturing defects and ARDEX is notified of such within six months from the date ARDEX shipped the product, ARDEX will replace the defective product f.o.b. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. ARDEX does not authorize anyone, including ARDEX Representatives, to make any statements which supersede, modify or supplement the information provided on its printed literature or package labels without written confirmation from the Ardex Technical Service Department. Any installations proceeding without this confirmation, or misinstallations of the product, will void this warranty. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, OR STATUTORY, AND IS STRICTLY LIMITED TO ITS TERMS. ARDEX MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY OF ITS PRODUCTS FOR ANY PARTICULAR PURPOSE. All product demonstrations are placed for illustrative purposes only and do not constitute a warranty of any kind. ARDEX SELLS ITS PRODUCTS UPON THE CONDITION THAT CUSTOMERS SHALL CONDUCT THEIR OWN TESTS TO DETERMINE THE SUITABILITY OF THE PRODUCTS FOR THE CUSTOMERS' INTENDED PURPOSES. UNDER NO CIRCUMSTANCES WILL ARDEX BE LIABLE FOR ECONOMIC, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR LOSSES OF ANY KIND WHATSOEVER ARISING OUT OF OR OCCASIONED BY THE SELECTION, USE, INSTALLATION, OR REPLACEMENT OF THESE PRODUCTS.

© 2006 ARDEX, L.P. All rights reserved.

AT218 (02/07)

ARDEX ENGINEERED CEMENTS
400 Ardex Park Drive
Aliquippa, PA 15001 USA
Tel: 724-203-5000
Toll Free: 888-512-7339
Fax: 724-203-5001
www.ardex.com