



ARDEX TL PATCH[®]

Tile Leveler, Underlayment Patch and Skimcoat

Portland cement-based

**Designed specifically for fast patching and repair
of surfaces prior to installing tile and stone**

**Use on concrete, wood and cutback
adhesive residue**

Install from featheredge up to 1"

Moisture and mildew resistant

Walk on in 30 minutes

Install flooring in 60-90 minute

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 TL PATCH[®]

Tile Leveler, Underlayment Patch and Skimcoat

Description

ARDEX TL PATCH™ Underlayment Patch & Skimcoat is a Portland cement-based patch for interior surfaces to provide a permanent, smooth finish prior to the installation of tile and stone products. Use to patch and skimcoat interior concrete, wood and cutback adhesive residue.

Substrate Preparation

All subfloors must be structurally sound, solid, clean, dry and without excess alkali or moisture emissions. Remove all waxes, sealers, curing compounds, patching compounds, dust, dirt, oil and any contaminant that may act as a bond breaker. **DO NOT USE SWEEPING COMPOUNDS, SOLVENTS OR ACID ETCHING FOR SURFACE PREPARATION.** Surfaces requiring more aggressive cleaning, such as concrete, should be prepared using mechanical methods, such as grinding. The surface must also be dry and have a minimum surface temperature of 50°F (10°C). Cutback adhesive on concrete should be prepared to a thin, well-bonded residue using the wet scraping technique as recommended by the Resilient Floor Covering Institute (www.rfci.com). The remaining residue should appear as nothing more than a transparent stain on the concrete. Any existing patches below the adhesive must be completely removed by mechanical methods.

Mixing

ARDEX TL PATCH has approximately 15 minutes of working time at 70°F (21°C). Do not mix more than can be applied in 15 minutes. In warmer weather, use cold water to extend the working time. Mix 3 parts ARDEX TL PATCH powder to 1 part water by volume. For the entire bag, mix the 25 lbs (18.14 kg) of powder with 4 quarts (3.78 liters) of water. Pour the water into the container first, and then add the powder while mixing by hand or with a drill and mixing paddle to a lump-free consistency. Using a drill and mixing paddle will produce a smoother, creamier consistency. **DO NOT ADD MORE WATER!**

Installation

Apply ARDEX TL PATCH to the surface using a flat-edged trowel. Apply from a featheredge to ½" deep. If more than ½" is needed, apply the material in layers, allowing each layer to dry completely before continuing. The maximum thickness should not exceed 1".

When patching and skimcoating over cutback adhesive residue, two coats of ARDEX TL PATCH are required. Apply the first coat using an ⅛" x ⅛" x ⅛" square notch trowel. Allow this to dry completely, and then use a flat-edged trowel to apply a second coat to fill in the trowel lines. The maximum thickness should not exceed ⅛".

Flooring Installation

Most tile can be installed after 60-90 minutes. Please refer to the tile manufacturer's specific recommendations for installing over cementitious underlayments.

Notes

This product is intended for interior use over dry substrates only. Do not use in areas of constant water exposure or in areas exposed to permanent or intermittent substrate moisture, as this may jeopardize the performance of the underlayment and the floor covering. This product is not a vapor barrier, and will allow free passage of moisture. Follow the directives of the floor covering manufacturer regarding the maximum allowable substrate moisture content, and test the substrate prior to installing ARDEX TL PATCH. Where substrate moisture exceeds the maximum permitted, Ardex recommends the use of ARDEX MC™ MOISTURE CONTROL SYSTEM. For further information, please refer to the Ardex Technical Brochure.

Always install an adequate number of properly located test areas, including the finish flooring, to determine the suitability of the product for the intended use. As floor coverings vary, always contact and rely upon the floor covering manufacturer for specific directives, such as maximum allowable moisture content, adhesive selection, and intended end use of the product.

To preserve its freshness, ARDEX TL PATCH must be protected from air while not in use. Protect unused material by removing the air from the bag and sealing tightly. Open and reseal as necessary.

Precautions

DO NOT POUR UNUSED MATERIAL DOWN THE DRAIN. Never mix with cement or additives. Observe the basic rules of concrete work. Do not install below 50°F (10°C) surface temperature. Install quickly if substrate is warm, and follow hot weather instructions available from the Ardex Technical Service Department.

Technical Data According To Ardex Quality Standards

All data based on a mixing ratio of 3 parts powder to 1 part by volume of water at 70°F (21°C)

Mixing Ratio: 4 quarts (3.78 liters) of water per one 25 lb/18.14 kg bag. For smaller batches, use 3 parts powder to 1 part water by volume.

Coverage (approx.): A 25 lb bag covers 40 sq. ft. at 1/8", 160-200 sq. ft. at skimcoat. Skimcoat coverage will vary depending on the texture of the surface being smoothed.

Install floor covering: 60-90 minutes at 70°F (21°C)

Storage: Store in a cool dry area. Do not expose bags to sun.

Clean up: Before the product dries, clean tools with a coarse, clean cloth dampened with warm soapy water.

Shelf Life: One year, if unopened

Warranty: Please see the ARDEX Tile & Stone Installation System Warranty Brochure.

© 2007 Ardex, L.P. All rights reserved.

AT227 (Rev. A 08/07)

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