

Armstrong 1774, 1774A

Armstrong 2x2 White Ceiling Tiles User Manual

Model: Dune 1774 (1774A)
Brand: Armstrong

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- Features
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1. PRODUCT OVERVIEW

The Armstrong Dune 1774 Acoustic Ceiling Tiles are designed for use in suspended ceiling grids, offering both aesthetic appeal and functional benefits. These 2x2 white mineral fiber tiles are engineered to minimize noise and help block sound transmission between rooms, making them suitable for various commercial and residential applications.

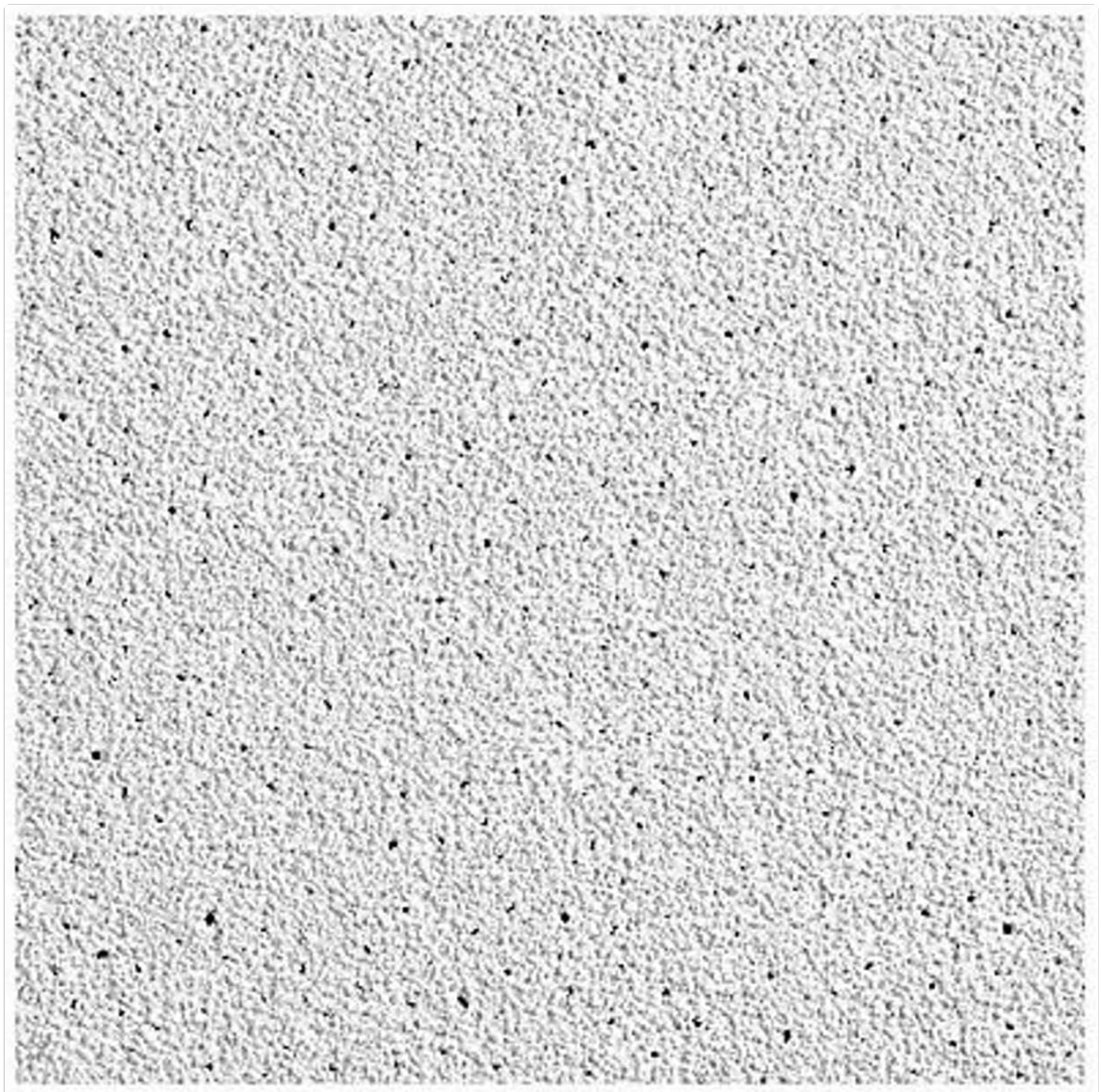
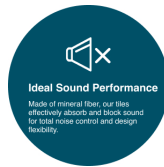


Figure 1: Armstrong Dune 1774 Acoustic Ceiling Tile

2. KEY FEATURES

- **Acoustic Performance:** These tiles are designed to minimize noise within a space and help block sound from traveling between rooms, contributing to a quieter environment. They are ASTM E84 Class A fire-resistive.
- **Durability & Ease of Replacement:** Constructed for durability, these drop ceiling panels are easy to replace within an existing standard 15/16" ceiling grid. No glue, nails, or staples are required for installation.
- **Versatile Application:** Suitable for a variety of ceiling applications, including storage rooms, discount stores, utility rooms, and basements. They are also appropriate for offices, corridors, retail spaces, and hospitality environments.
- **Sag and Mold/Mildew Resistance:** Featuring HumiGuard Plus technology, these commercial ceiling tiles maintain resistance to sag, mold, and mildew. They are recommended for areas subject to high humidity, excluding standing water and outdoor spaces.



Ideal Sound Performance: Mineral fiber construction effectively absorbs and blocks sound.



Easy to Replace or Renovate: Match existing tiles or swap out your entire ceiling.



Technical Expertise: Support available from experienced professionals.



Figure 2: Example installation of Armstrong ceiling tiles in a modern office environment.

3. SETUP & INSTALLATION

Armstrong Dune 1774 ceiling tiles are designed for straightforward installation in standard suspended ceiling grid systems. These tiles are a "lay-in" type, meaning they simply rest within the grid framework.

3.1 Required Tools & Materials (Not Included)

- Standard 15/16" or 9/16" suspended ceiling grid system
- Measuring tape
- Utility knife (for cutting tiles if needed)

- Safety glasses and gloves

3.2 Installation Steps

1. **Prepare the Grid:** Ensure your suspended ceiling grid system is fully installed and level according to the manufacturer's instructions. The grid should be clean and free of debris.
2. **Unpack Tiles:** Carefully unpack the Armstrong Dune 1774 tiles. They are specially packed to prevent damage during shipping. Handle tiles by the edges to avoid surface marks.
3. **Lay-In Tiles:** For full tiles, simply angle the tile slightly and lift it above the grid opening, then gently lower it into place so it rests on the grid flanges.
4. **Cut Tiles (if necessary):** For perimeter areas or irregular shapes, measure the required dimensions. Use a sharp utility knife to score and cut the mineral fiber tiles. Always cut from the finished face for a cleaner edge.
5. **No Adhesives Required:** These tiles are designed for a dry lay-in installation. Do not use glue, nails, or staples, as this can damage the tiles and affect their performance.



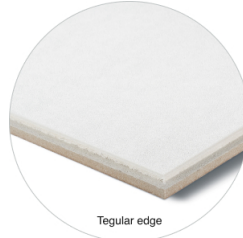
Figure 3: View of Armstrong ceiling tiles installed in a suspended grid system.

3.3 Edge Details

The Dune 1774 tiles feature a tegular edge, which means they have a reveal that allows the panels to extend slightly below the ceiling grid, creating a distinct visual effect.



Square lay-in edges are simple and cost-effective.



Tegular edges have a reveal that allows panels to extend below the ceiling grid.

Both edge types offer quick access to the space above, are easy to cut, and minimize waste & installation time.

3.4 Installation Video

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Video: Amazon Tegular Full Length Generic Panel. This video demonstrates the installation process for tegular edge ceiling panels, similar to the Dune 1774 model.

4. OPERATING & PERFORMANCE

Once installed, the Armstrong Dune 1774 ceiling tiles immediately begin to provide their intended benefits. Their primary function is to enhance the acoustic comfort of a space by absorbing sound and reducing sound transmission.

4.1 Acoustic Benefits

The mineral fiber composition of these tiles contributes to effective sound absorption, reducing echo and reverberation within a room. This creates a more comfortable and productive environment, especially in commercial settings or home offices. Additionally, they help to block sound from passing through the ceiling, improving privacy between adjacent spaces.

4.2 Fire Resistance

The tiles are rated ASTM E84 Class A fire-resistive, providing an important safety feature for your space.

5. MAINTENANCE

Armstrong Dune 1774 ceiling tiles are designed for low maintenance. Regular care will help preserve their appearance and performance.

5.1 Cleaning

- For light dust, use a soft brush or a vacuum cleaner with a brush attachment.
- For minor marks, gently wipe with a clean, damp cloth. Avoid excessive moisture.
- Do not use abrasive cleaners or harsh chemicals, as these can damage the tile surface.

5.2 Humidity Resistance

Thanks to HumiGuard Plus technology, these tiles are resistant to sag, mold, and mildew in high humidity environments.

However, they are not designed for areas with standing water or outdoor exposure.

6. TROUBLESHOOTING & REPLACEMENT

While durable, individual tiles may occasionally need replacement due to damage or staining. The lay-in design makes this process simple.

6.1 Replacing Damaged Tiles

1. **Identify Damaged Tile:** Locate the tile that needs replacement.
2. **Remove Old Tile:** Gently push the damaged tile upwards and angle it to remove it from the grid opening.
3. **Insert New Tile:** Take a new Armstrong Dune 1774 tile. Angle it slightly and lift it above the empty grid opening, then carefully lower it into place until it rests securely on the grid flanges.

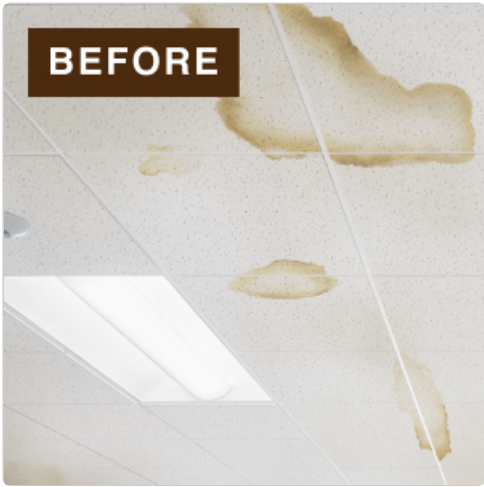


Figure 4: Before - Stained ceiling tiles.

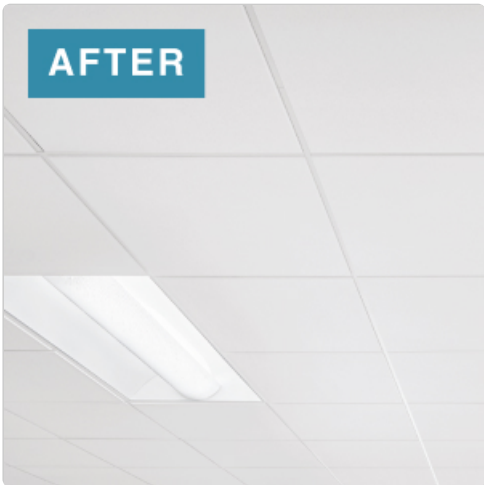


Figure 5: After - Clean, replaced ceiling tiles.

The easy replacement process ensures your ceiling can always look its best.

7. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	Armstrong

Attribute	Detail
Model Number	1774, 1774A
Material	Mineral Fiber
Size	24"W x 24"W x 5/8"T
Color	White
Finish Type	Painted
Style	DUNE
Installation Type	Lay-In
Product Dimensions	24"L x 24"W
Item Weight	54 Pounds (for 16 pcs)
Shape	Square
Item Thickness	0.63 Inches
Edge Style	Tegular
Unit Count	16.0 Count
Coverage	Storage Rooms, Discount Stores, Utility Rooms, Basements, High Humidity Areas
Water Resistance Level	Water Resistant (HumiGuard Plus)
Fire Rating	ASTM E84 Class A
UPC	888264406451

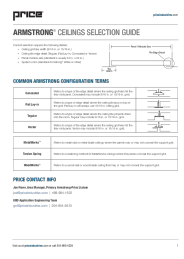

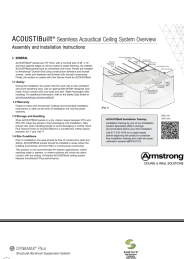



8. WARRANTY & SUPPORT

For specific warranty information regarding your Armstrong Dune 1774 ceiling tiles, please refer to the documentation included with your purchase or visit the official Armstrong website.

Customer Support: If you have any questions about installation, maintenance, or product performance, Armstrong offers customer support. You can typically find contact information on the product packaging or the manufacturer's website. The product is also eligible for 30-day easy returns through the retailer.

For additional resources and product information, you may visit the [Armstrong Store on Amazon](#).



 <p>price ARMSTRONG® CEILING SELECTION GUIDE</p> <p>COMMON ARMSTRONG CONFIGURATION TERMS</p> <table border="1"> <tr> <th>Term</th> <th>Definition</th> </tr> <tr> <td>Grid</td> <td>The framework that supports the ceiling panels.</td> </tr> <tr> <td>Panel</td> <td>The individual ceiling tiles or sections.</td> </tr> <tr> <td>System</td> <td>The combination of grid and panel.</td> </tr> </table> <p>PRICE CONTACT INFO For more information, please contact your local Armstrong representative.</p>	Term	Definition	Grid	The framework that supports the ceiling panels.	Panel	The individual ceiling tiles or sections.	System	The combination of grid and panel.	<p>Armstrong Ceilings Selection Guide: Grid and System Options</p> <p>A comprehensive guide to selecting Armstrong ceiling grid systems, including Prelude, Interlude, Silhouette, Sonata, Suprafine, and TechZone series, detailing grid widths, tile edge types, and diffuser compatibility.</p>
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Grid	The framework that supports the ceiling panels.								
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 <p>Drop Ceiling Installation Overview</p> <ol style="list-style-type: none"> 1. Prepare the area. 2. Install wall molding. 3. Install main beams. 4. Install cross tees. 5. Install ceiling panels. <p>Armstrong</p>	<p>Armstrong Drop Ceiling Installation Overview: A Step-by-Step Guide</p> <p>Learn how to install an Armstrong drop ceiling with this concise overview. Covers wall molding, main beams, cross tees, and ceiling panel installation for residential use. Features QuickHang™ hardware.</p>								
 <p>ACOUSTIBuilt® Seamless Acoustical Ceiling System Overview</p> <p>ACOUSTIBuilt® is a seamless acoustical ceiling system designed for superior sound absorption and aesthetic appeal. It features a variety of finishes and is easy to install.</p> <p>Armstrong</p>	<p>ACOUSTIBuilt® Seamless Acoustical Ceiling and Wall System Installation Guide</p> <p>Comprehensive installation and assembly guide for Armstrong ACOUSTIBuilt® seamless acoustical ceiling and wall systems. Learn about product features, safety, design considerations, step-by-step installation, finishing, and system components for achieving superior acoustical performance.</p>								
 <p>DynaMax Plus</p> <p>Discover the DynaMax Plus Structural Aluminum Suspension System by Armstrong, engineered for data centers. This system offers enhanced load capacity, extended span capabilities, and seamless integration for critical infrastructure, MEP components, lighting, and containment solutions.</p> <p>Armstrong</p>	<p>DynaMax Plus Structural Aluminum Suspension System for Data Centers Armstrong</p> <p>Discover the DynaMax Plus Structural Aluminum Suspension System by Armstrong, engineered for data centers. This system offers enhanced load capacity, extended span capabilities, and seamless integration for critical infrastructure, MEP components, lighting, and containment solutions.</p>								
 <p>Thirty (30) Year Limited Ceiling Systems Warranty</p> <p>Armstrong warrants its commercial ceiling panels and suspension systems against defects in materials and workmanship for a period of thirty (30) years. This warranty covers defects, sagging, warping, and microbial growth resistance. It also outlines coverage, exclusions, and service procedures.</p> <p>Armstrong</p>	<p>Armstrong 30-Year Limited Ceiling Systems Warranty</p> <p>Details the 30-year limited warranty for Armstrong commercial ceiling panels and suspension systems, covering defects, sagging, warping, and microbial growth resistance. Outlines coverage, exclusions, and service procedures.</p>								
 <p>DYNAMAX®</p> <p>Comprehensive technical guide for the DynaMax structural aluminum suspension system by Armstrong, detailing its application in data centers, components, installation, load data, seismic considerations, and compatibility with ceiling panels and integrated lighting solutions.</p> <p>Armstrong</p>	<p>DynaMax Structural Aluminum Suspension System Technical Guide</p> <p>Comprehensive technical guide for the DynaMax structural aluminum suspension system by Armstrong, detailing its application in data centers, components, installation, load data, seismic considerations, and compatibility with ceiling panels and integrated lighting solutions.</p>								