



---

# ARDEX R 54 AP

## Primer for ARDEX R 54 Performance Sealer for Stain & Wear Protection

---

For interior use on ARDEX toppings

Very fast drying; can receive ARDEX R 54 Sealer in as little as 3 hours

1-part waterborne primer

Excellent penetration and adhesion

Low VOC and no odor

# ARDEX R 54 AP

## Primer for ARDEX R 54 Performance Sealer for Stain & Wear Protection

### Suitable Applications

For priming ARDEX toppings (maximum process of 200 grit) prior to application of ARDEX R 54. See the ARDEX R 54 technical data sheet for full details on suitable applications.

### Job Conditions

During installation and cure, substrate and ambient temperatures must be a minimum of 50° F / 10°.

High concrete relative humidity (RH) levels can cause a cloudy appearance. For interior applications where aesthetic qualities are critical, concrete RH exceeding 75% must be mitigated.

Prior to installation of the material to be sealed: Test concrete in accordance with ASTM F2170. If moisture control is required, install ARDEX MC RAPID in accordance with the technical data sheet.

### Step 1: Substrate Preparation (Proper Prep™)

Prior to installation, clean the ARDEX topping as needed using a clean, dry dust mop or microfiber mop. Deep vacuum to remove all dust and debris.

### Step 2: Mixing and Application

#### Recommended Tools

Pump Sprayer: Use a cone tip to apply primer, not a fan tip; 9" or 18" short-nap, lint-free roller 3/8"

### Instructions

Use a pump sprayer with cone tip to spray a fine mist over surface. While wet, back roll with a short-nap roller to evenly apply primer over the surface.

Apply a single coat at 2 - 3 mils. Apply material thinly and evenly. Do not leave puddles.

### Approximate Coverage\*

300 - 450 sq. ft. / gallon (7.4 - 11 sq. m / L)

\* Dependent on surface profile, density and porosity.

### Step 3: Tool Cleanup

Use soap and water to clean tools and equipment. Once dried, the material can be removed from tools with a solvent, such as xylene.

### Technical Data According to HENRY Quality Standards

All data based on 75°F / 24°C. Physical properties are typical values and not specifications.

<b>Coverage:</b>	See corresponding section above.
<b>Drying Time:</b>	Dry to the touch: 20 minutes Apply ARDEX R 54: 3 hours minimum; 24 hours maximum
<b>VOC:</b>	<75 g/L ASTM D 6886 (calculated)
<b>Packaging:</b>	1 gallon (3.78 L) Container
<b>Storage:</b>	Store at temperatures between 40 and 90°F (5 - 32°C). Do not freeze
<b>Shelf Life:</b>	1 year, if unopened and properly stored
<b>Warranty:</b>	ARDEX L.P. Standard Limited Warranty applies. For full warranty details: <a href="http://www.ardexamericas.com/services/warranties">www.ardexamericas.com/services/warranties</a> .

## Notes

Intended for use by professional contractors who are trained in the application of this product and/or similar products. Not sold by ARDEX through home improvement centers. For information on ARDEX Academy trainings, visit: [www.ardexamericas.com](http://www.ardexamericas.com).

In accordance with industry standards, and to determine the suitability of the products for the intended use, always install an adequate number of properly located test areas.

Never mix with cement or additives outside of our written recommendations.

Dispose of packaging and residue in accordance with prevailing regulations. Do not flush material down drains. Do not reuse packaging.

## Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at: [www.ardexamericas.com](http://www.ardexamericas.com).

Made in the USA.

Copyright 2023 ARDEX, L.P. All rights reserved. Content updated 2023-02-03. Supersedes all previous versions. Latest version available at: [www.ardexamericas.com](http://www.ardexamericas.com).

Visit [www.youtube.com/ARDEX101](http://www.youtube.com/ARDEX101) to watch ARDEX product demonstration videos. For recommended installation tools, visit DTA USA at [www.dtausagroup.com](http://www.dtausagroup.com). For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App.



**ARDEX Americas**  
400 Ardex Park Drive  
Aliquippa, PA 15001 USA  
888-512-7339  
[www.ardexamericas.com](http://www.ardexamericas.com)