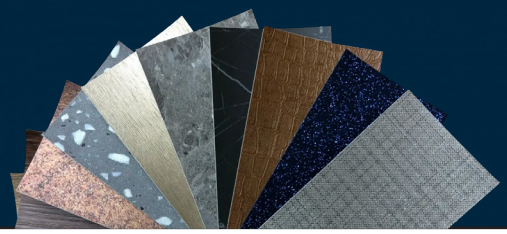
Architectural Vinyl

# Specifications



FOOTPRINT CREATIVE

## Overview

This spec sheet serves as a guide to help you understand the durability, performance, and maintenance aspects of our Architectural Vinyls. With a range of finishes and exceptional durability, our architectural vinyl offers endless design possibilities while contributing to a greener future. The specifications, benefits, and considerations are outlined in this spec sheet to make informed decisions for your projects. Should you have any further questions or require assistance, please discuss your project with a Footprint team member.

## Technical Specifications

Architectural vinyl films have become widely recognised as a sustainable solution within the Interior design & Architecture industries. Offering the option to wrap existing surfaces instead of replacing them, allows for a powerful statement in refurbishment projects. Here are some key technical considerations:

**Material:** Architectural Vinyls are primarily composed of high-quality Cast PVC (Polyvinyl Chloride), ensuring durability, conformability and long-lasting performance.

**Thickness:** Architectural vinyl varies in thickness depending on the desired finish. Typically the thickness ranges from 250 Microns (0.25mm) to 500 Microns (0.50mm) providing options based on project requirements and desired durability.

**Roll Width:** Architectural vinyl is conveniently supplied in a standard roll width of 1200mm, allowing for efficient installation and seamless coverage.

**Adhesive:** Architectural vinyl is equipped with a self-adhesive air channelled backing, eliminating air bubbles and the need to apply additional adhesive before installation. The built-in adhesive system ensures easy application and guarantees consistent and even adhesion throughout the surface. With this specially formulated adhesive, you can achieve a strong bond and seamless installation without any hassle or additional steps.

## Durability

The durability of architectural vinyl varies depending on the pattern and brand. Series B, C and L have an interior durability rating of up to 10 years, while 3M DI-NOC Exterior range has a durability of upto 5 years providing excellent protection against fading, peeling, discolouration, or loss of adhesion.

## Abrasion Resistance

Architectural vinyl offers superior abrasion resistance compared to common wall surfaces such as paint or wallpaper. It is equivalent to High-Pressure Laminate (HPL). We also offer specialist ranges suitable for high-traffic areas or where greater protection is desired.

## Impact Resistance

Architectural vinyl excels in impact resistance compared to typical wall surfaces such as paint or wallpaper. While it can withstand regular impacts, it may dent under significant force. The level of impact resistance also relies on the strength of the underlying substrate. Unlike rigid laminates that may crack upon impact, vinyl provides a degree of cushioning. One notable benefit of architectural film is its repairability. In the event of any damage, an invisible patch can be applied, eliminating the need for costly panel replacement.

## Product Specs

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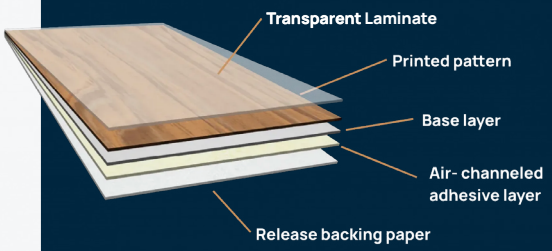
|---|---|
| Material: | PVC (Polyvinyl Chloride) |
| Width: | 1200mm |
| Length: | 40-50 Metre Rolls |
| Thickness: | 250 - 500 Microns |
| Adhesive: | Air channeled Self-adhesive |
| Durability: | Upto 10 Years |
| Maintenance: | Repairable / Cleanable |
| Warranty: | 3 - 10 Years* |
| Style Range: | 2000+ Colours and Styles |

## Material Layers




## Cleaning

Architectural films are manufactured with a clear laminate PVC coating, making them easy to wipe clean and practical for everyday use. They are resistant to staining by common substances such as food or household cleaners and can be generally cleaned with dish soap and a wet cloth.

## Fire Certification

Our architectural films comply with all building and IMO (International Maritime Organisation) regulations, with fire certifications available across the range.

If you require specific information regarding fire tests, patterns, or application substrates, please contact a Footprint team member.

Fire test results may vary depending on the finish and application, with most films classified as Class B or C, featuring low dripping and emissions.