



Protect. Enhance. Outperform.

ARCHITECTURAL FINISHES

# ACR Wood Grain

WOOD PANEL ACCENT FINISH SYSTEM

THE BEST ALTERNATIVE FOR

**WOOD**  
PANEL SYSTEMS



# ACR Wood Grain | Accent Finish System

Replicate the look of Wood Panels at a fraction of the cost

## What is “ACR Wood Grain”?

Specially designed finish coating system that is intended to replicate wood panels and longboard siding when applied over the base coat of our Durex® Wall Systems.

DUREX® ACR – WOOD GRAIN is ideal for creating distinctive architectural features on exterior/interior wall surfaces and can be applied on new and existing buildings. It provides a very flat and smooth surface incorporating reveals and control joints, affording the designer the flexibility to replicate the appearance of wood-grain façades.

## Where can ACR Wood Grain be applied?

- Exterior and interior walls
- New constructions or retrofits
- Exceptional option for hotels, healthcare, community centers, and commercial or retail buildings that require a premium accent façade

## Benefits of ACR Wood Grain

- Cost-effective technique for replicating wood grain panels and longboard siding
- Monolithic design over a 3 m<sup>2</sup> (32 ft<sup>2</sup>) surface area, offering an array of architectural possibilities
- Exceptional durability
- Unique optical and aesthetical effects through broad range of colours
- Weather resistant with high water repellency
- High water vapour transmission (very breathable)
- Low dirt-pick-up resistance
- High colour stability and UV resistance
- Installed by skilled and trained contractors





## **ACR Wood Grain**

System Overview

**PAGE 4**

## **Design Guidelines**

Best practices for superior results

**PAGE 5**

## **Application Conditions**

Surface conditions and tolerances

**PAGE 6**

## **Application Recommendations**

Tips to ensure proper installation

**PAGE 7**

## **Application Standards**

For ACR Wood Grain

**PAGE 8**

## **ACR Colour Guide**

Standard and available colours

**PAGE 9**

# ACR Wood Grain

Reflective and sheen accent finish



## IDEAL FOR

Hotels, healthcare, community centers, and commercial or retail buildings that require a premium wood panel-like accent façade

## FEATURES

Cost-effective technique for replicating wood grain panels and longboard siding

Exceptional durability

Unique optical and aesthetical effects through broad range of colours

Weather resistant with high water repellency

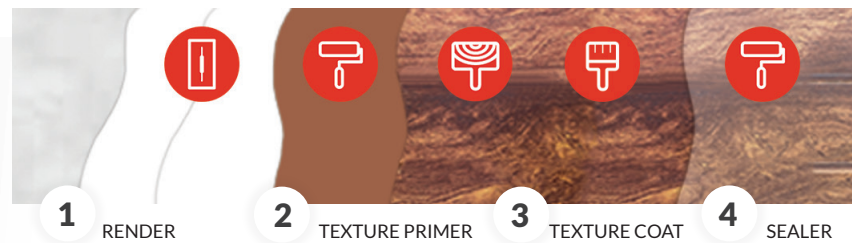
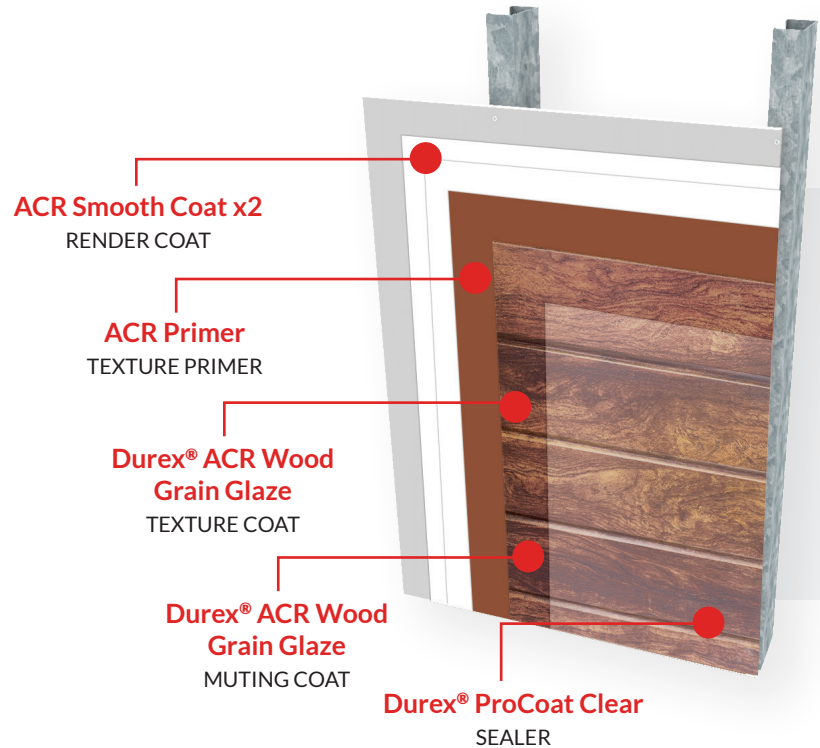
High water vapour transmission (very breathable)

Low dirt-pick-up resistance

High colour stability and UV resistance

## COLOUR AVAILABILITY

Tinted (Any Colour)



COMPONENT	PRODUCT	MIX DESIGN	COVERAGE	APPLICATION TEMPERATURE
Base Coat	ACR systems are compatible with any Durex® EIFS Wall System. Please contact your Durabond Representative for additional support.			
Render Coat	ACR Smooth Coat	1 Bag ACR Smooth Coat 5.5 L potable Water	100 ft <sup>2</sup> / Bag @ 1/16" thick per coat 9.3 m <sup>2</sup> / Bag @ 1.6 mm thick per coat (minimum 2 coats required)	5°C to 40°C
Texture Primer	ACR Primer	Single component, no mixing required. Stir prior to use.	200 ft <sup>2</sup> / Gal per coat 4 m <sup>2</sup> / Liter per coat (1 coat required, 2 coats optional)	5°C to 40°C
Texture Coat / Muting Coat	Durex® ACR Wood Grain Glaze	Single component, no mixing required. Stir prior to use.	300 ft <sup>2</sup> / Gal per coat 6.2 m <sup>2</sup> / Liter per coat (1 coat required, 1 coat muting)	5°C to 40°C
Sealer	Durex® Pro Coat Clear	Single component, no mixing required. Stir prior to use.	300 ft <sup>2</sup> / Gal per coat 6.2 m <sup>2</sup> / Liter per coat (1 coat required, 2 coats optional)	5°C to 40°C

# Design Guidelines

Best practices for superior results

## PANELIZED PATTERN DESIGN APPROACH

Durex® ACR systems require to be installed in “panelized pattern” separated by reveals with limited panel size. This is best coordinated at the design stage of the project.

## REVEALS ALIGNMENT

Introduce panelized pattern design by laying out the reveal pattern in alignment with other façade features / components such as fenestration etc.

## DETAILED LAYOUT OF REVEALS

Form part of the design and specification documents. Do not leave reveal layout up to the installer.

## TRAINED SKILLED INSTALLERS

Durex® ACR systems should be installed only by qualified trained installers.

## INSTALLATION PROCEDURES

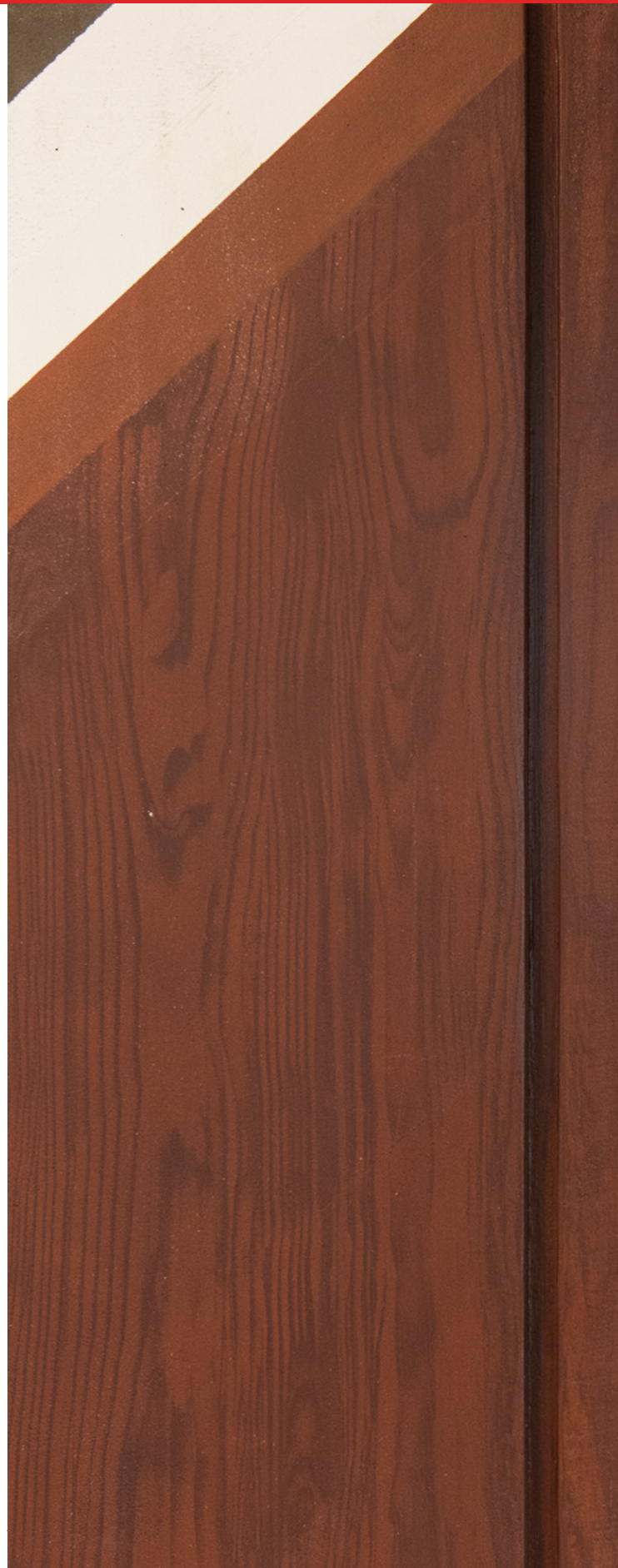
Installation process shall strictly follow the recommended procedures – no exceptions – no substitutions.

## MAXIMUM PANEL SIZE

Panel size should be kept to a maximum 3m<sup>2</sup> (32 ft<sup>2</sup>) area per panel, with maximum dimension in any one direction of 2.44m (8 ft).

## QUALITY CONTROL AT ALL STAGES

Best results are achieved when strict quality control measures are implemented throughout all the phases, starting from design through to complete installation.



# Application Conditions

## Surface preparations and tolerance guidelines

It is an ideal option for application over the base coat of our Durex® EIF Systems. Durex® ACR WOOD GRAIN can also be applied over the base coat of direct applied stucco systems, however strong consideration must be given to the design and layout of control joints, breaks and reveals to maximize the desired aesthetics of the subject wall.

### SURFACE PREPARATIONS

The condition of the base coat surface shall be characterized by explicit tolerances in relation to plumbness, straightness and bowing, with no surface depressions, cavities and/or undulations.

The following tolerances shall be enforced:

### DEFLECTION OF WALL

- Deflection of wall shall be 1/360 or 2 mm (3/32"), whichever is smaller.

### PLUMBNESS LEVEL

- The wall shall be considered defective and in need for adjustments prior to the application of the basecoat if it differs in level of more than  $\pm 4$  mm (5/32") in any 2 m (6.5 ft) length.
- Measurement of deviation from horizontal level shall be  $\leq \pm 3$  mm (1/8") in 3 m (10 ft).
- Measurement of deviation from vertical level shall be  $\leq \pm 3$  mm (1/8") in 3 m (10 ft).
- Measurement of bow at any location shall be  $\leq \pm 4$  mm (5/32") in any 2 m (6.5 ft).

### FLATNESS (HORIZONTAL/VERTICAL)

- Measurements of deviation from Horizontal shall be  $\leq \pm 3$  mm (1/8") in 10 m (32 ft).
- Measurement of bow (Horizontal flatness) shall be  $\leq \pm 4$  mm (5/32") in any 2 m (6.5 ft).
- Measurement of bow (Vertical Flatness) shall be  $\leq \pm 4$  mm (5/32") in any 2 m (6.5 ft).

### SURFACE DEPRESSIONS

- Surface depression at all component interfaces shall be  $\leq \pm 1$  mm (1/32") in any 0.3 m (1 ft).

### NO OFFSETS, BULGES AT INTERFACES

### SURFACE UNDULATIONS

- Measurement of surface undulations vertically and horizontally, at all interfaces shall be  $\leq \pm 1$  mm (1/32") in any 0.3 m (1 ft).



# Application Recommendations

Tips to ensure proper application of ACR Wood Grain

## ACR SMOOTH COAT APPLICATION

Apply Durex® ACR Smooth Coat, using a stainless steel trowel in a minimum of 2-coat application with the first coat allowed to harden and cure prior to the application of successive coats (if required).

## ACR PRIMER APPLICATION

Apply Durex® ACR Primer Coat in 1-coat application using a brush, roller or spray and allow to dry.

## DUREX® WOOD GRAINING APPLICATION

Durex® ACR-Woodgrain is applied over Durex® ACR Primer Coat using a roller, or brush to one panel area at a time. Do not allow to dry before graining process.

## CREATING THE WOOD GRAIN TEXTURE

Immediately after the application of the Durex® ACR Wood Grain, using the Durex® Wood Graining Texture Trowel over the coated area slightly rotating the trowel in order to create the wood grain effect. Repeat the step, if required, until desired grain texture is created. Complete the wood graining texture on all panels and allow to dry to the touch.

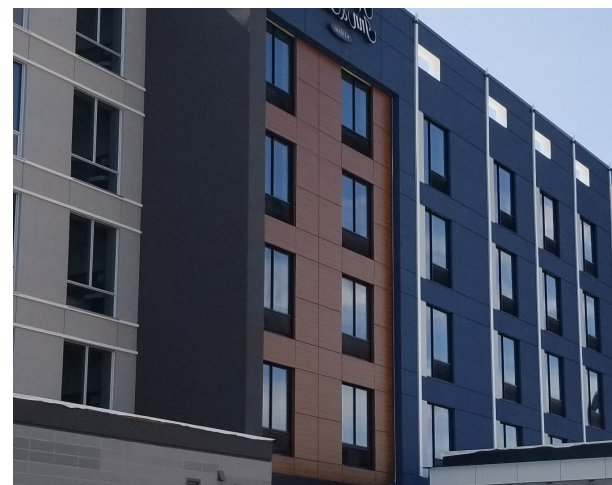
## MUTING THE WOOD GRAIN TEXTURE

Using a fine bristle brush slightly dipped in the Durex® ACR Wood Grain, lightly brush over the wood grain to “blend in” the wood grain (take care not to apply too much coating as it will result in a less visible wood grain affect). Allow to completely dry.

## DUREX® PROCOAT CLEAR APPLICATION

Apply Durex® ProCoat Clear using a low pile roller or fine bristle brush throughout textured areas. Take care to apply in a thin light coat, do not over apply or allow to drip. a second coat can be applied if required.

**NOTE:** The Durex® ACR WOOD GRAIN is a high quality fine accent finish. Best results can only be achieved when the applications are conducted by trained skilled applicators. The enclosed short application procedures are for guideline purposes only and are not intended to be detailed instructions for un-trained applicators. Consult with Durabond Representatives for more specific recommendations.



# Application Standards

## For ACR Wood Grain

- The Durex® ACR WOOD GRAIN finish coating system shall consist of 2 coats Durex® ACR Smooth Coat followed by 1 coat of Durex® ACR-Primer, 2 coats of Durex® ACR Wood Grain Glaze, 1 of which is a Muting Coat, and 2 coats of Durex® ACR ProCoat Clear to achieve the desired appearance.
- All proper rectification of tolerances and conditioning of the surfaces shall be made prior to application of the Durex® ACR WOOD GRAIN finish coating system.
- Flatness of application surface shall be measured by a 3 m (10 ft) straightedge which can be placed anywhere on the wall in any direction.
- The substrate shall be thoroughly cured for at least 3 days and dry for at least 24 hours.
- The substrate shall be free from ice, snow, dew and/or frost.
- To control the final texture, the size of the specified work surface area should be broken up in manageable areas not exceeding 3 m<sup>2</sup> (32 ft<sup>2</sup>) with no dimension, vertically or horizontally, exceeding 3 m (10 ft).
- The application of all components of the Durex® ACR WOOD GRAIN finish coating system shall completely cover the delineated surface area before any interruption of application.
- Durex® ACR-Smooth Coat shall be floated properly and float marks shall not be permitted.
- Durex® ACR Smooth Coat shall be applied by a team of at least 2 tradesmen. While one tradesman spreads the Durex® ACR-Smooth Coat coat on the substrate, the second tradesman should float the freshly applied Durex® ACR-Smooth Coat to the desired texture.
- Durex® ACR Smooth Coat shall be applied to a smooth, flat and level finish.
- Apply Durex® ACR Smooth Coat to the recommended thickness and surface area coverage.
- The two 2-coats of Durex® ACR-Smooth Coat shall be troweled onto the wall with upward strokes. Smooth the freshly applied material into a tight uniform finish with a steel trowel.
- To achieve a consistent surface, wet edges shall be maintained in the application of Durex® ACR-Smooth Coat. There shall be no bare or starved areas in Durex® ACR Smooth Coat or in the consecutive coating application.
- Ridges in Durex® ACR-Smooth Coat application and in the consecutive finishing coats application shall not be permitted.
- Flatten the Durex® ACR-Smooth Coat with steel trowel or plastic float before it dries.
- Cold joints shall not be permitted.
- Allow a minimum of 24 hours for the curing of Durex® ACR Smooth Coat, before applying the consecutive coats.
- Apply Durex® ACR Primer of matching colour to cured Durex® ACR-Smooth Coat. Durex® ACR Primer shall be applied with several passes of the brush or roller, evenly of the cured surface of the Durex® ACR Smooth Coat and allowed to cure for 24 hours prior to the application of Durex® ACR Wood Grain Glaze.
- Layout the grain lines on the primed surface prior to the application of Durex® ACR Wood Grain Glaze.
- It is extremely important that the layout of the grain lines on the wall be straight, square and properly aligned with respect to the bottom of the wall, taking into consideration the overall configuration of the wall surface. If the wall is not perfectly square, partial grains at the ends, top and/or bottom may grow noticeably larger or smaller from bottom to top or from side to side.
- Care must be taken in the placement of expansion joints in the wall surface so as to create a symmetrical layout of the overall appearance of the wall.
- Vertical expansion joints shall be parallel to the sides of the wall.
- The distance between horizontal expansion joints shall remain the same over the height of the wall.
- Apply 1 coat of Durex® ACR Wood Grain Glaze over the cured Durex® ACR Primer Coat at a thickness of 1.5 mm (1/16") at a maximum rate of 3 m (10 ft) in length and 0.6 m (2 ft) in height, using a roller or a brush.
- Use Durex® ACR Wood Grain Glaze stencil graining tool within a maximum of 10 minutes from the application of Durex® ACR Wood Grain Glaze to create the desired wood-grain effect.
- Repeat the application of the stencil graining tool on the subsequent line and in the same direction as previously applied. The applicator can choose to either repeat the same effect or to create a new effect on the subsequent line using varying techniques, speeds and patterns to create a more dynamic and varying wood grain. This can be done by either changing the position of the handle on the stencil-graining tool (multiple positions are available) or by changing the rocking techniques.
- Continue applying Durex® ACR Wood Grain Glaze to the new areas to be tooled.
- Avoid direct sunlight or extreme hot weather conditions.
- Muting of wood grain texture – using a fine bristle brush slightly dipped in the Durex® ACR-Woodgrain, lightly brush over the wood grain to “blend in” the wood grain (take care not to apply too much coating as it will result in a less visible wood grain affect). Allow to completely dry
- Allow Durex® ACR Wood Grain Glaze to dry for a minimum of 8 hours prior to the application of Durex® ACR ProCoat Clear.
- Apply 1 or 2-coats of Durex® ACR ProCoat Clear using a brush or a roller.
- Allow a minimum of 24 hours for Durex® ACR ProCoat Clear to cure and dry.
- Protect freshly applied finish system from inclement weather conditions until the coating has fully set and cured. Prevent, rapid and uneven evaporation.
- Application techniques for all coatings must be consistent over the entire area to create a uniform look.
- Sprayed applications, when specified shall be longitudinally as well as laterally over the substrate. Over spraying shall be avoided in order to avoid raised specks around the sprayed area that would give a halo effect on the smooth surface.
- The use of proper specialty tools (trowels, brushes, rollers) is highly recommend. Please refer to Durabond’s specified tools.
- Any finished section of the wall should maintain a similarity throughout the wall when viewed in totality.
- Project specifications shall coincide with product specifications.
- Durabond’s technical team can provide expert advice and support during the application phase.



# ACR Colour Guide

Standard and available colours for ACR Wood Grain



GENTRY GREY



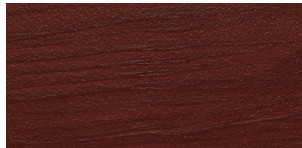
OXFORD ASH



WINTER BIRCH



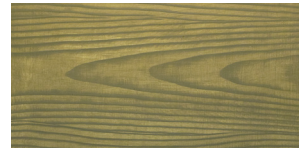
ARMOIRE HICKORY



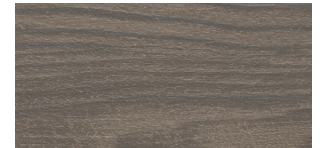
RED OAK



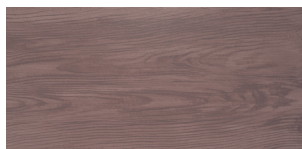
ROSEWOOD GREY



BARNBOARD



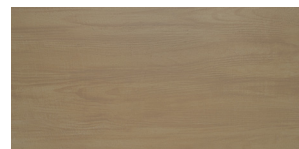
BRIARWOOD



DESERT MAUVE



FIR PLATINUM



RATTAN TEAK



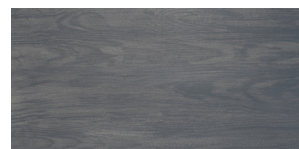
NATURAL PINE



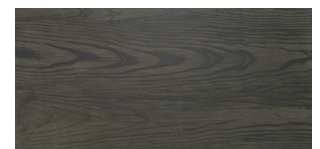
JACK PINE



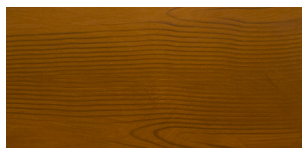
NORMANDY BLUE



WESTCOTT OAK



HORIZON GREY



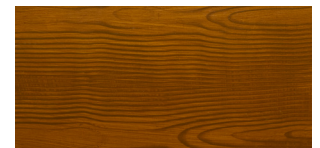
ALPOLIC TEAK



BURMA TEAK



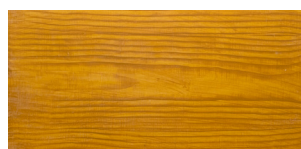
ENGLISH WALNUT



AFRICAN MAHOGANY



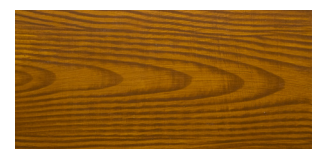
CINNAMON



DARK HONEY



SPANISH CEDAR



HAZELNUT



## Customize your finish

Although this Durex® Finish is typically offered in a range of wood inspired colours, you can customize it to suit your project.

### EXPLORE OUR COLOUR GUIDE

[Durabond Colour Guide »](#)

### NEED SUPPORT?

Contact your local Durabond help desk or sales representative. Our team are experts in the technical and design features of our systems and products.

Our Team can even create custom solutions to your most specific requirements.



Protect. Enhance. Outperform.



The recommendations and information in this chart/document are for the application of Durex® products manufactured by Durabond, and are based on practical knowledge for general site conditions and uses. This chart is to be used as a reference guide only to identify and display the various products for general, non-site specific applications for a variety of installations. Differences in site conditions, preparations, materials are continuously variable and unknown.

As such, no warranty, guarantee or legal binding relationship is implied whatsoever with these products and systems and no guarantee can be made to their performance. In addition, preparation and condition of the substrate is of such utmost importance that a Durabond Technical Representative must be notified prior to installation of any of the aforementioned products and/or systems.

An installer must always prepare the surface to the recommendations found on the current data sheet of each product written and produced by Durabond Technical Coatings Limited. These data sheets can be obtained from Durabond's website, [www.durabond.com](http://www.durabond.com), or by contacting a Technical Sales Representative directly.

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