

design essentials

# STRATEK

## 3D LAMINATES



  
baresque





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# STRATEK 3D LAMINATES

STRATEK 3D Laminates, the **industry's premier laminate** for retail fixture, food service applications, medical furnishings and high traffic areas are a rigid and hi-fidelity thermofoil (RTF) that can be used as flat sheet like a traditional wallcovering or HPL as well as membrane-pressed or vacuum-formed to contoured surface profiles. Its dimensional flexibility eliminates the need for T-molding, edgebanding, visible seams and special edge treatments.

Baresque's STRATEK 3D Laminates provide a **higher level of durability** than standard thermofoils. With added impact, marring and abrasion resistance as well as **improved stain resistance**, they are suitable for use on many horizontal surfaces, such as counters, tabletops and work surfaces.

The broad selection of original designs includes **realistic woodgrains, beautiful stones**, solids and a range of metallics with finish levels from matte to high gloss. STRATEK is stocked in Australia in 12 core colours with an extensive range of additional colours also available on an indent basis.

# + FEATURES + BENEFITS

STRATEK PROVIDES A WIDE RANGE OF FEATURES AND BENEFITS MAKING IT AN IDEAL SELECTION FOR HARD WEARING ENVIRONMENTS:

- Increased durability. STRATEK 3D Laminates offer our highest level of durability with enhanced resistance to impact, abrasion, marring and scratching which means maintaining a like new appearance longer.
- The advantage of STRATEK over other thermofoils is the ability to use it as a horizontal surface (including textures)
- Cost effective
- Available in a broad range of designs including a local stocking program
- Dimensionally flexible to conform to three-dimensional surfaces eliminating seams and edgebanding
- Waterproof
- Chemical resistance. Most of the time soap and water is enough to clean STRATEK but when required, many leading cleaners and disinfectants can be safely used without worrying about damage to the color or finish.



ELIMINATES HPL  
JOIN LINE, EDGE  
BANDING & T-MOLD

## FABRICATION



3D Laminate is applied by laying parts in a press bed and covering with the 3D Laminate film.

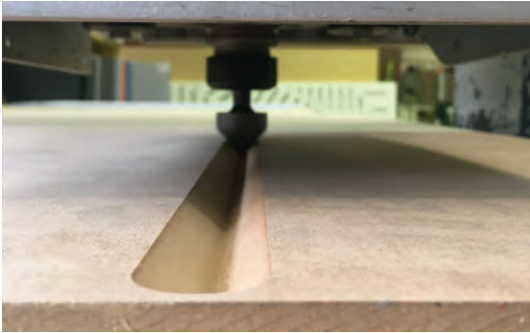
The press heats the film so that it is pliable and then a vacuum pulls from underneath the parts.

Some presses combine this with positive pressure pushing down from above the film to wrap the part.



### SUBSTRATE - COMPOSITE WOOD PANELS

- Typically particleboard, medium-density fiberboard (MDF), or high-density fiberboard (HDF)
- They are made from pre-consumer recycled waste, wood chips and scrap\*



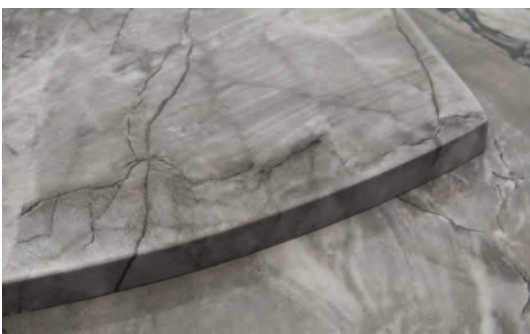
### SHAPE & CONTOUR

- Substrate can be CNC routed to create unique shapes, contours and 3D textures.



### ADHESIVE

- Generally spray-applied to the substrate in a clean environment free from dust and debris



### LAMINATE SURFACE

- Paper or plastic film printed with virtually any design.
- Often used instead of rare, endangered, fragile or high environmental-impact materials.



### TRIM

- Excess material is trimmed from edges for sealed, smooth surface.

# 3D LAMINATES APPLICATION

STRATEK CAN BE USED IN A WIDE RANGE  
OF HEAVY DUTY APPLICATIONS WHERE  
PERFORMANCE IS PARAMOUNT INCLUDING:



Super durable **WALLCOVERING** and **WALL PANELING** - install STRATEK just like you would a normal commercial wallcovering or lay up onto board and install as panels



**TABLE TOPS** - with its ability to be membrane pressed or vacuum formed, STRATEK is ideal for use as a cost effective and durable table top. Check out p. 12 for complete STRATEK table top specifications



**SCREENS**



**CABINET DOORS & DRAWER FRONTS, COUNTER TOPS, STORE FIXTURES**



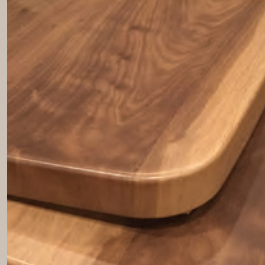
**CHAIR SEATS & BACKS**



# + APPLIED DESIGN ADVANTAGES



DESIGN FLEXIBILITY FOR UNIQUE SHAPES -  
NO BROWN LINES!



ENABLES SMOOTH CONTOURED EDGES & COMPLEX  
SHAPES



ELIMINATES THE HPL BROWN LINE, EDGEBANDING  
& T-MOLD

## PROJECT TYPES

High wear project types that are ideally suited to STRATEK's durability and cleanability include:

- HOSPITALS & AGED CARE
- SCHOOLS
- AIRPORTS
- SHOPPING CENTRES
- COMMERCIAL
- HOTELS, PUBS AND CLUBS
- RETAIL

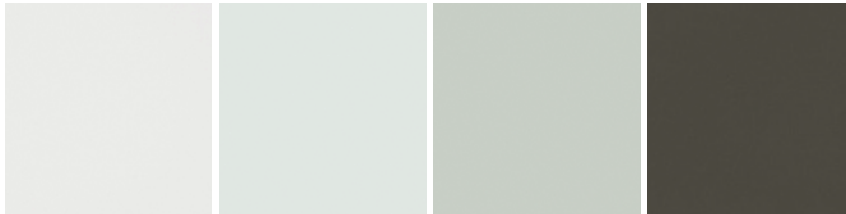


# STRATEK COLOUR RANGE

STRATEK IS STOCKED IN AUSTRALIA IN 12 CORE COLOURS.  
AN EXTENSIVE RANGE OF ADDITIONAL COLOURS ARE  
ALSO AVAILABLE ON AN INDENT BASIS.

## SOLIDS

### Stocked



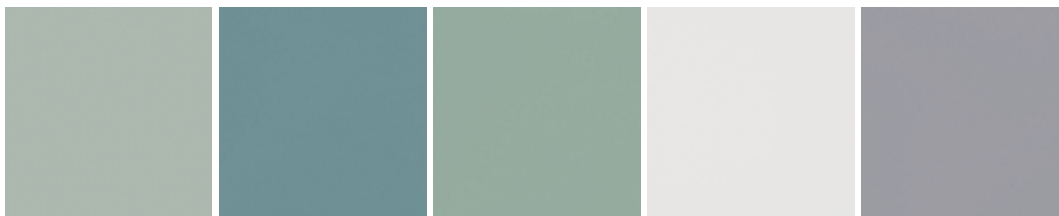
Camp White

White 949

Fashion Grey

Slate Grey

### Indent



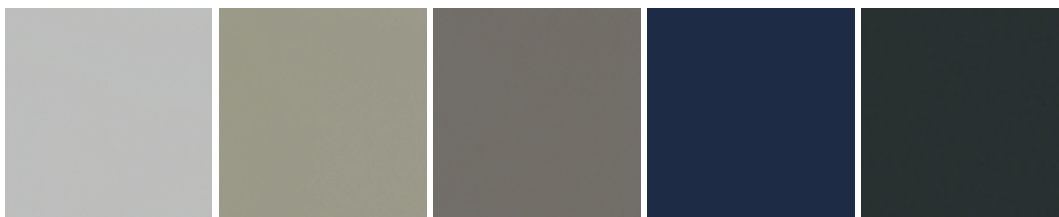
Matte Succulent

Matte Cadet

Matte Sage

Matte White

Matte Fade



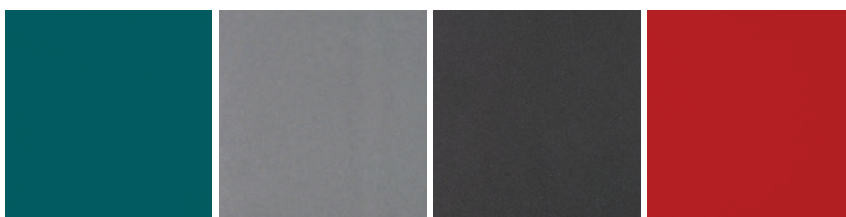
Matte Dove

Matte Khaki

Matte Stone

Matte Indigo

Matte Black



Matte Malachite

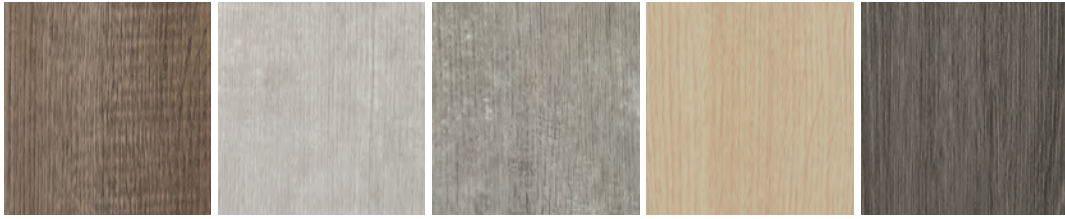
Venus Silver

Shark Grey

Freedom Red

## WOOD GRAINS

### Stocked



Aged Brown Oak

Market Oak  
Whitewashed

Market Oak Grey

Rift Oak Natural

Smokehouse Oak

### Indent



Avant Latte

Avant Kaffe

Mackinac

Rift Oak Brown

Almond Cherry



River Cherry

Palos Mahogany

## METALLIC

### Stocked



Concrete

Corten

Oxidized Pewter

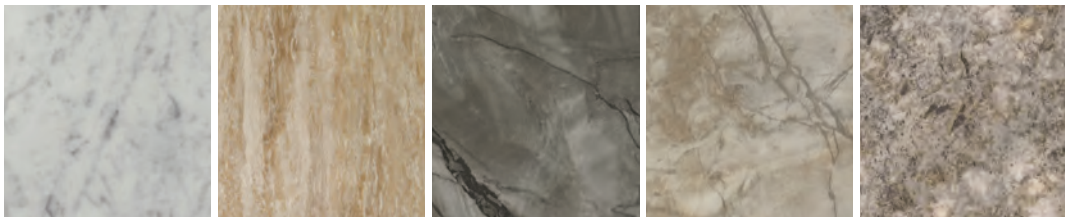
### Indent



Cast in Bronze

## STONES

### Indent



Carrara

Imperial Gold

Pompeii Marble  
Gray

Pompeii Marble  
Cream

Platino Granite  
Grey

## SPECIFICATIONS

STRATEK 3D Laminates, the industry's premier laminate for retail fixture, food service applications and medical furnishings, are a rigid thermofoil (RTF) that can be membrane-pressed or vacuum-formed to contoured surface profiles as well as being installed as a wallcovering. Its dimensional flexibility eliminates the need for T-molding, edgebanding, visible seams and special edge treatments.

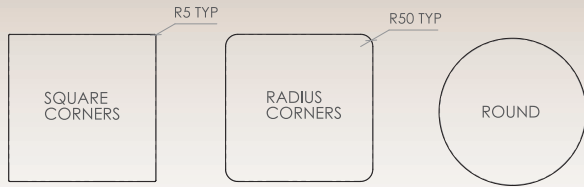
Baresque's STRATEK 3D Laminates provide a higher level of durability than standard thermofoils. With added impact, marring and abrasion resistance as well as improved stain resistance, they are suitable for use on many horizontal surfaces, such as counters, tabletops and work surfaces.

<b>COMPOSITION:</b>	VINYL 3D LAMINATE. TABLE TOPS SUPPLIED ON MR MDF SUBSTRATE
<b>ROLL WIDTH / LENGTH:</b>	STOCKED COLOURS - 132CM WIDE X 228M - AVAILABLE BY THE LINEAL METRE INDENT COLOURS - 132CM WIDE X 45.7M OR 228M - AVAILABLE BY THE FULL ROLL ONLY
<b>SIZES - TABLE TOPS:</b>	UP TO 3000MM X 1150MM. 19MM THICK
<b>WEIGHT:</b>	STRATEK - 560 G/M <sup>2</sup> AS A TABLE TOP - 13KG / M <sup>3</sup>
<b>PATTERN REPEAT:</b>	N/A
<b>FIRE RATING:</b>	IN ACCORDANCE WITH AS/NZS 3837 CLASSIFICATION - GROUP 1 SPECIFIC EXTINCTION - LESS THAN 250M <sup>2</sup> /KG
<b>INDOOR / OUTDOOR:</b>	INDOOR ONLY
<b>WET AREAS:</b>	NO
<b>LEADTIME:</b>	STOCKED COLOURS - SYDNEY, MELBOURNE, BRISBANE - 2 WORKING DAYS, ADELAIDE - 4 WORKING DAYS, PERTH - 5 WORKING DAYS. INDENT COLOURS – 3-4 WEEKS FOR TABLE TOPS - ADD 2 WEEKS TO THE STOCKED OR INDENT LEAD TIME (SUBJECT TO ORDER SIZE)
<b>THERMOFORMABLE:</b>	COLD FORMABLE
<b>CUSTOMISABLE DESIGN:</b>	YES. 1,500M MINIMUM. TABLE TOP SIZE – YES MDF SUBSTRATE DESIGN - YES
<b>FABRICATION:</b>	FLAT LAMINATED, MEMBRANE PRESS, MITRE FOLDABLE
<b>INSTALLATION:</b>	AS A WALLCOVERING – PREPARE THE WALL AND SIMPLY OVERLAP AND DOUBLE CUT. BARESQUE RECOMMEND AND SUPPLY ROMAN PRIMER AND ADHESIVES FOR THE INSTALLATION OF WALLCOVERINGS. BARESQUE CAN ALSO RECOMMEND WALLCOVERING INSTALLERS. FLAT LAMINATED – LAMINATE WITH CONTACT ADHESIVE (REFER TO ADHESIVE SUPPLIER FOR APPROPRIATE CONTACT DEPENDING ON SUBSTRATE) TABLE TOPS - SCREW FIX TO SUITABLE TABLE BASE (NO SCREWS SUPPLIED)
<b>REFINISHABLE:</b>	NO
<b>CARE INSTRUCTIONS:</b>	WIPE MATERIAL WITH A CLEAN, SOFT CLOTH DAMPENED WITH A MILD SOLUTION OF LIQUID DETERGENT AND WARM WATER. REPEAT USING ONLY CLEAN WATER, THEN DRY WITH A LINT FREE CLOTH. AVOID USING WAX POLISHES, SOLVENTS OR CONCENTRATED ABRASIVES. FOR MORE DIFFICULT STAINS, DAMPEN A SOFT WHITE CLOTH WITH A SOLUTION OF HOUSEHOLD BLEACH (10% BLEACH / 90% WATER). RUB GENTLY. RINSE WITH A WATER DAMPENED CLOTH TO REMOVE BLEACH CONCENTRATION. ALWAYS TEST IN AN INCONSPICUOUS AREA FIRST.

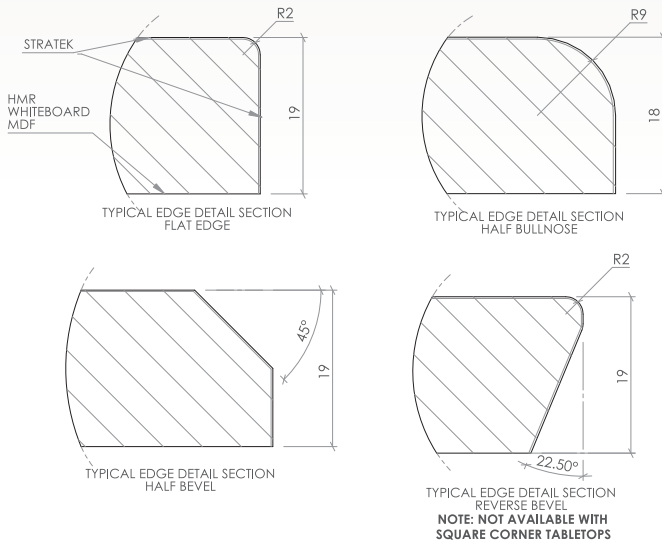
## TABLE TOP DETAILS

STRATEK is available in a large range of standard table top sizes and edge details. If you can't find what you are after, contact Baresque to discuss your requirements.

### TABLETOP STANDARD SHAPES



### TABLETOP STANDARD EDGE DETAILING



## STAIN RESISTANCE\*\* (See NEMA LD 3-2005 for full description.)

### CLEANING STEP DESCRIPTION (In order of use)

0 - Removed with water

1 - 25 cycles spray cleaner or sponge

2 - 25 cycles baking soda plus spray cleaner on brush

3 - Acetone and cotton ball

4 - Bleach plus cotton ball

5 - Not removed

\*\* Actual results may vary depending on color - lighter shades are more susceptible to staining.

## TYPICAL PROPERTIES COMPARISON

TEST METHOD	STRATEK	HPL
Hoffman Scratch	1300g	1000g
Burnish	None / Slight	Slight
MEK Double Wipes	<50	>100
NEMA Wear (Initial)	750 cycles	300 cycles
NEMA Cleanability	13 / 17** (see below)	10
NEMA Ball Impact	3000mm	1100mm
Coating Adhesion	None / Moderate	None

## KCMA CHEMICAL RESISTANCE (9.3)

STAINING AGENT	RESULTS*
Vinegar	No Effect
Lemon Juice	No Effect
Grape Juice	No Effect
Orange Juice	No Effect
Tomato Ketchup	No Effect
Coffee	No Effect
Olive Oil	No Effect
Alcohol, 100 Proof	No Effect
Detergent Solution	No Effect
Mustard	Moderate Effect

### \* Results

No Effect = No discoloration or stain after cleaning immediately with water.  
 Moderate Effect = Slight stain or discoloration apparent after cleaning.  
 Severe Effect = Definite stain after cleaning, remaining after 14 days.

## Required Cleaning Step to Remove Stain

STAINING AGENT	PRINTED	SOLID
Distilled Water	0	0
Ethyl Alcohol / Water (50:50)	0	0
Acetone	5	5
Household Ammonia	0	0
Citric Acid 10%	0	0
Vegetable Oil	0	0
Coffee	0	0
Tea	0	0
Tomato Ketchup	0	0
Mustard	0	3
10% Iodine	0	2
Black Permanent Marker	2	0
#2 Pencil	2	2
Wax Crayon	2	2
Black Shoe Polish	2	2
Total NEMA Cleanability Score	13	17

Stuck for ideas?

Check out

Be InSpired

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Product **Xorel Kaleidoscope** as  
Wallcovering and Upholstery

Baresque is an industry leader and can provide you with the inspiration you need through all different channels. **BE INSPIRED** by product type, brand, application or check out some of the awesome projects we have been involved with.

Project **Deutsche Bank**  
Designer **Martin and Ollmand**  
Product **Lightblocks Ice** as joinery

Project **Roly Poly Childcare**  
 Designer **KW Interiors**  
 Product **Custom Seraphic**  
**Digital Print on Commercial**  
**Wallcovering**



Project **Hallam Hotel**  
 Designer **Enth Degree Architects**  
 Product **Bengal engraved Lucere**  
**Mirror on Black MDF**



Product **Xorel Deco Embroider**  
**as wall panelling**



Project **QUT Kelvin**  
**Grove Partnering Office**  
 Designer **Bureau Proberts Architects**  
 Product **Bhushan 2D Perforated**  
**Screen in Reatec with ply core**



Product **Lucere Encapsulated,**  
**Fly-Away-White**



Product **Panaz Magma smoke**  
**Commercial Upholstery**



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DESIGNER'S DESTINATION**