



Slab LED

by

T U R F

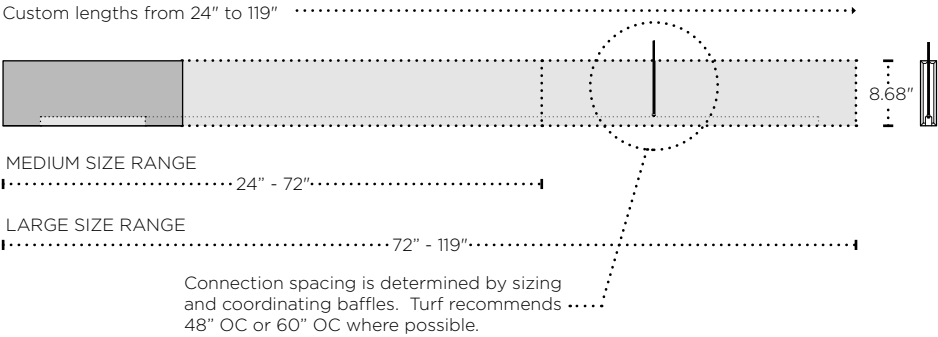


Slab LED

Crisp lines highlight the cool glow of the Slab LED Baffle. This high-performance integrated baffle combines the acoustic absorption of the TURF Slab Baffle with a customizable LED fixture. Though designed to work in tandem with the Slab Baffle, this fixture makes for a sleek standalone solution in any space.

BAFFLE SIZES + COMPONENTS

SIZING AVAILABILITY

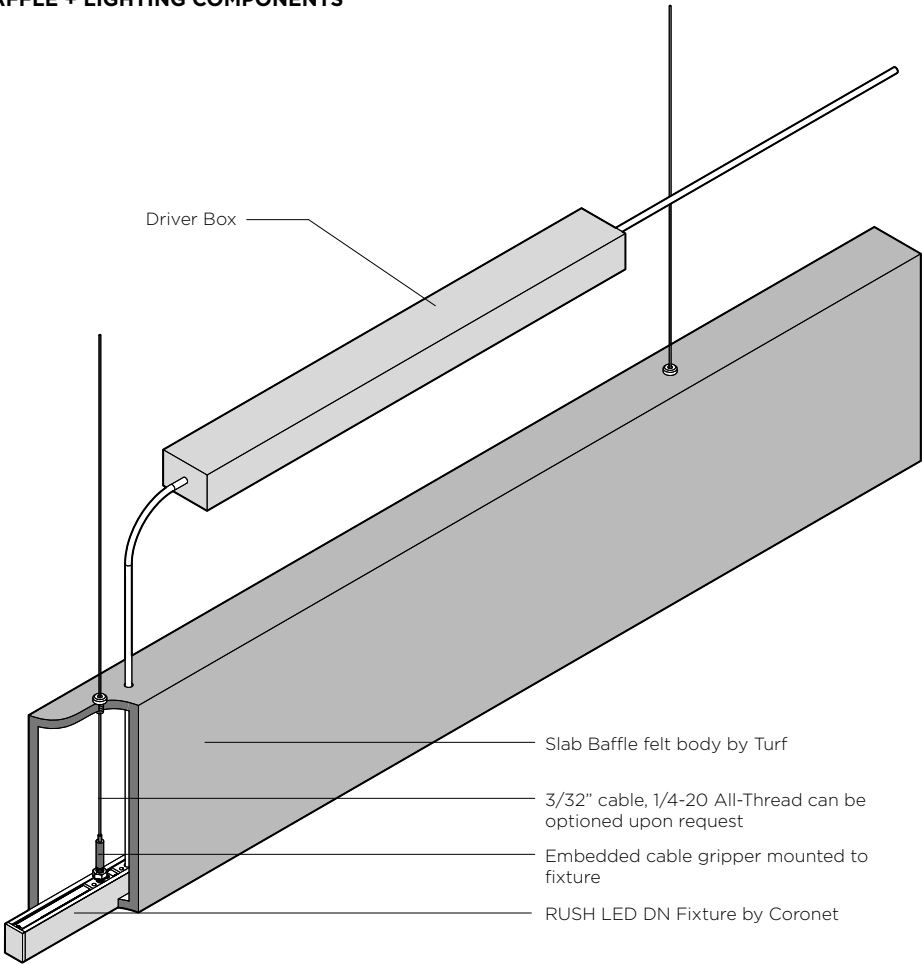


Slab LED system is a sister product line to the Slab Baffle system. The two systems mirror each other in construction, dimensional customization and fully coordinate with each other seamlessly to enable a turnkey solution for both lighting and acoustical problems in the open office.

Slab LED is made from a single sheet of folded 9mm PET felt material, creating a monolithic mass 2.25" thick. Each Slab LED contains a 1.25" internal air gap. The baffle sizing is fully customizable between the range of 24" (2'0") - 119" (9'11") through Turf's parametrically adaptive design systems.

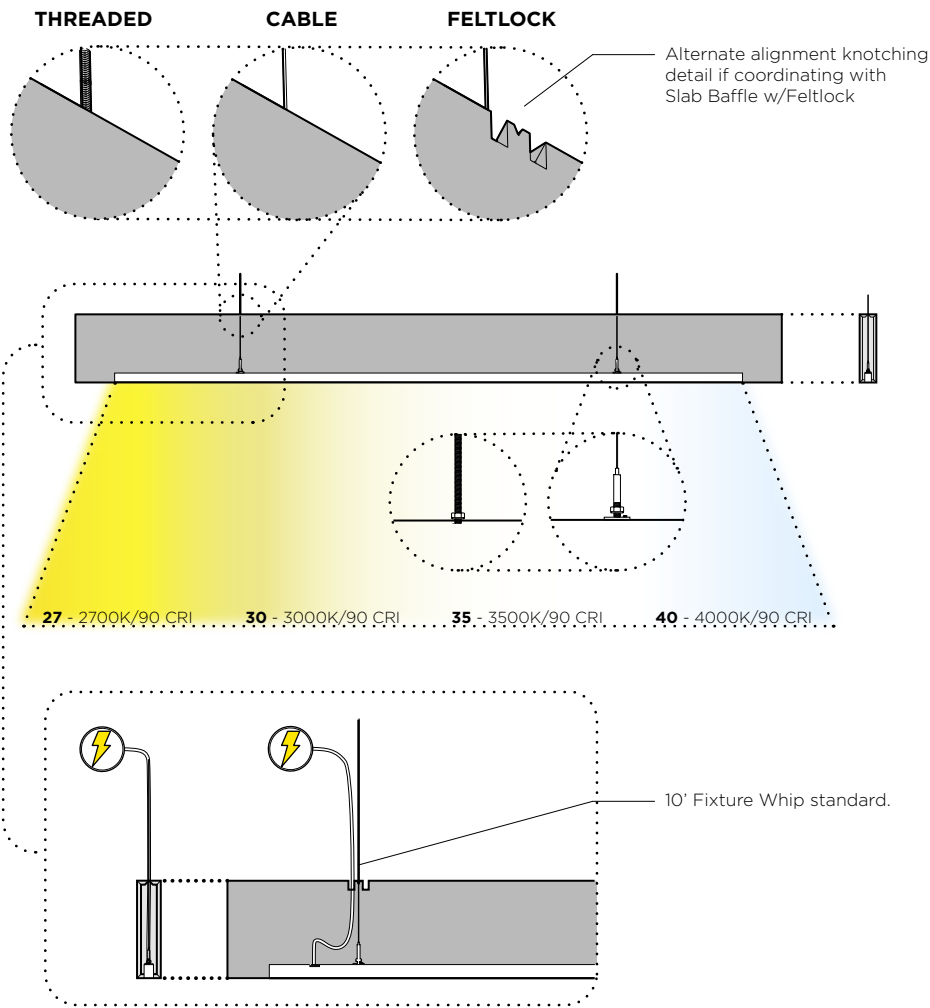
Note that the mounted internal fixture is 12" shorter than the overall baffle length.

BAFFLE + LIGHTING COMPONENTS



BAFFLE DETAILING

CONNECTION OPTIONS

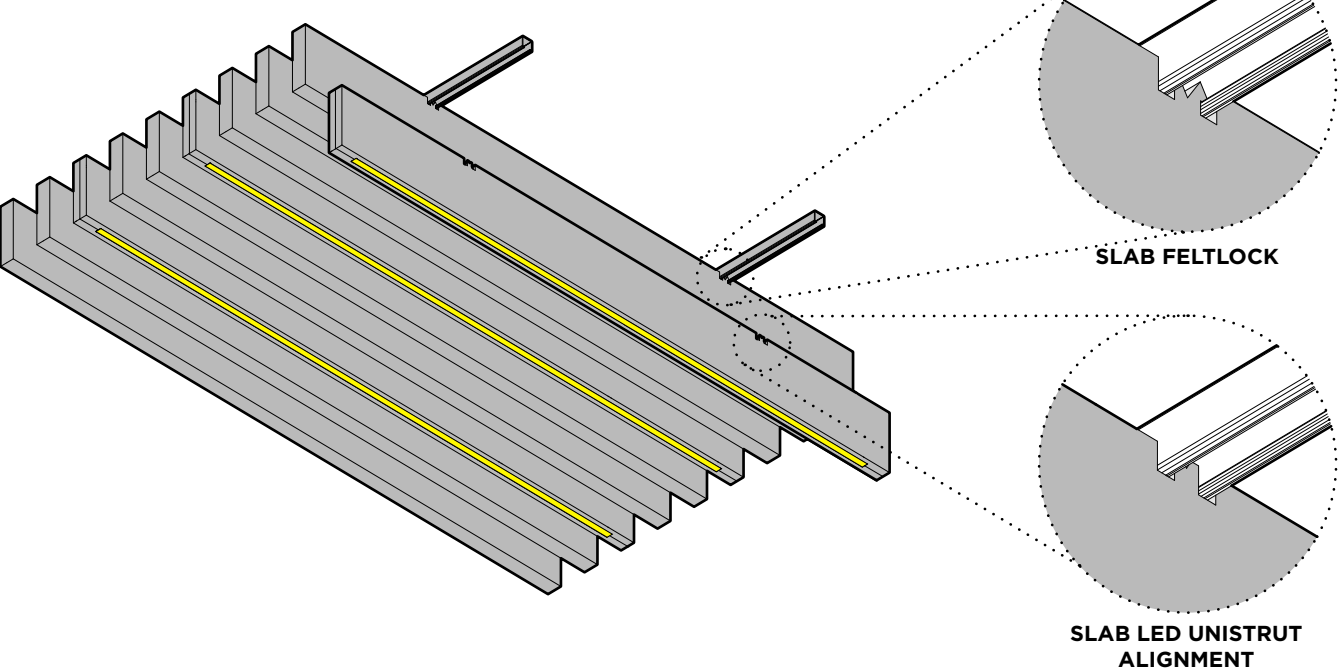


Slab LED is one of Turf’s collaborative product offerings and has been developed with Coronet Lighting. The system integrates a full color temperature range from 2700K to 4000K along with tunable color and dimming options.

Refer to Light Specification + Photometrics page for fixture options.

Note that fixtures over 96” (8’0”) require two whips and driver modules to ensure performance.

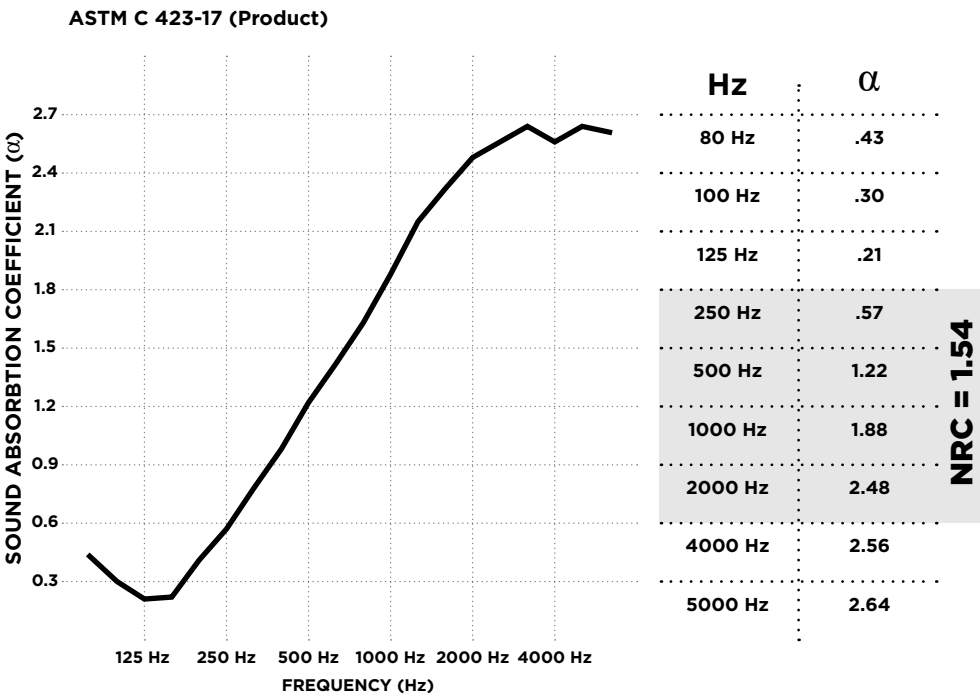
FELTLOCK SYSTEM COORDINATION



Refer to Slab Baffle Cutsheet for spacers for on center baffle coordination.

MATERIAL SPECIFICATIONS + TECHNICAL DATA

PRODUCT NAME	Slab LED
MATERIAL	9mm polyester felt, up to 60% pre-consumer recycled content
SIZE RANGE	24"L x 2.25"W x 8.68"D - 119"L x 2.25"W x 8.68"D
INSTALLATION HARDWARE	UNISTRUT P1000T Standard (supplied by installer) Universal steel Tee Grid (supplied by installer) 3/32" Aircraft Cable with slotted cable drop
WARRANTY	3-year Housing - 5-year Fixture
MAINTENANCE	Vacuum occasionally to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Standard household cleaners for spot cleaning.
LEAD TIME	Check the Turf website for current lead times.
ENVIRONMENTAL	See Declare label
VARIATION	PET Felt uses a traditional 'felting' process to create it's panels. This often results in a pleasing heathered effect, where multiple tones are present in the fiber. Slight and consistent variations in color should be expected when using this sustainable material.
VOC	ASTM D 5116 Compliant
SAFETY CERTIFICATION	ETL Testing pending
FIRE RATING	Product made from Class A PET felt material tested under ASTM E-84
ACOUSTICS	ASTM C423-17: NRC = 0.75 (Material) // NRC = 1.54 (Slab Baffle Product) Type J Mounting: The specimen is an array of spaced sound absorbing baffles suspended from a cable approximately 1206.5mm (47.5 in.) above the horizontal test surface. This approximates the mounting method of a typical ceiling baffle installation. The baffles were evenly distributed in four rows four units each. Baffles were spaced 305 mm (12 in.) apart. Rows were spaced 762mm (30 in.) apart.



Declare.

3mm + 9mm PET Acoustic Panel
TURF Design

Final Assembly: Gilberts, Illinois, USA

Life Expectancy: 50 Year(s)

End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

PET; Flame Retardant; N,N'-Ethylene bis(stearamide); White Tint; Antioxidant 1076; Antioxidant KY-405; Stearic Acid

Living Building Challenge Criteria: Compliant

I-13 Red List:

LBC Red List Free

LBC Red List Approved

Declared

% Disclosed: 100% at 100ppm

VOC Content: Not Applicable

I-10 Interior Performance: CDPH Standard Method v1.2-2017

I-14 Responsible Sourcing: Not Applicable

TFD-0002

EXP: 01 DEC 2022

Original Issue Date: 2019

MADE IN THE U.S. WITH RESPONSIBLE SOURCES FOR LABEL ACCURACY

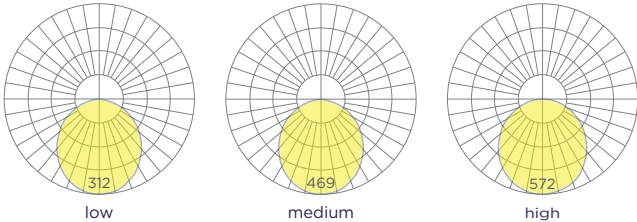
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

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Turf Design : Slab LED : hello@turf.design : turf.design : 844 TURF OMG

UPDATED: 20230815

LIGHT SPECIFICATIONS + PHOTOMETRICS

FIXTURE ID		RUSH LED DN													
LENGTH		X'X"													
COLOR TEMP	27	- 2700K / 90 CRI													
	30	- 3000K / 90 CRI													
	35	- 3500K / 90 CRI													
	40	- 4000K 90 CRI													
LED SYSTEM	LOW														
	MED														
	HIGH														
	CUST														
Representative distribution and peak candela. For other options, please consult factory.															
<table><tr><th>OUTPUT¹</th><th>Watts/FT</th><th>Lumens/FT</th></tr><tr><td>LOW</td><td>4</td><td>210</td></tr><tr><td>MED</td><td>5</td><td>315</td></tr><tr><td>HIGH</td><td>7</td><td>400</td></tr></table>				OUTPUT ¹	Watts/FT	Lumens/FT	LOW	4	210	MED	5	315	HIGH	7	400
OUTPUT ¹	Watts/FT	Lumens/FT													
LOW	4	210													
MED	5	315													
HIGH	7	400													
¹ Based on a typically configured 90 CRI, 3500K luminaire using one driver. Custom outputs available. Please consult factory. For 4000K multiply by 1.05; for 3000K 0.96; for 2700K, 0.92.															
VOLTAGE		UNV - Universal (120 - 277V)													
DRIVER	DB	- Standard 0-10V 1%													
	DB.1%	- 0-10V 0.1%													
	ELV	- 2-Wire 1% (120V only)													
	TRI	- Forward phase (120V only)													
	LDE1	- Lutron Digital Ecosystem*													
	DALI	- DALI-2 Driver													
	PoE	- Power over Ethernet													
DMX		- DMX512													
*additional lead time and information required															
Finish		W - White B - Black													
LIGHTING MOUNTING		AC - Air Craft Cable (50") - can be substituted for Threaded Rod connection													
CIRCUIT	NA	- None													
	EM 120V	- Emergency Pack (Remote)													
	EM 277V	- Emergency Pack (Remote)													

9MM FELT

This product is made with 9 mm PET felt board. The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

Felt thickness is 9 mm +/- 0.5 mm.

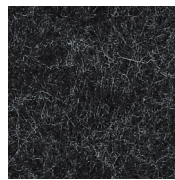
Monitors and printers vary. Please request a material sample to verify felt colors.

Looking for the old color palette?

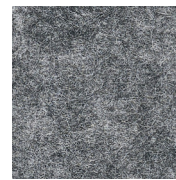
Old colors are still available for legacy projects, but check with us for availability if you're interested in using them for new projects.



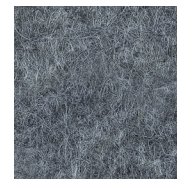
07 BLACK



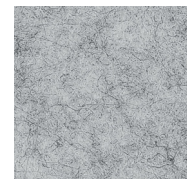
06 CHARCOAL



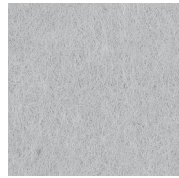
09 DAMASCUS



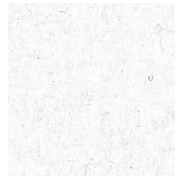
98 STORM



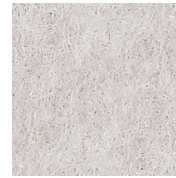
04 LIGHT GREY



66 PEWTER



50 IVORY



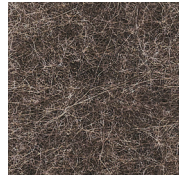
01 CREAM



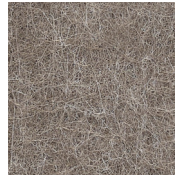
33 LUMINARY



05 WHITE



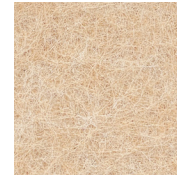
35 BARK



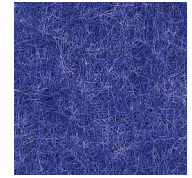
34 TONAL TAUPE



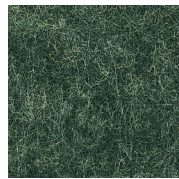
82 BARLEY



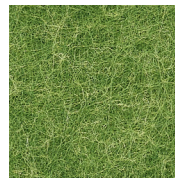
83 HOLLAND OATS



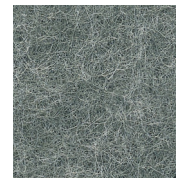
24 ROYAL BLUE



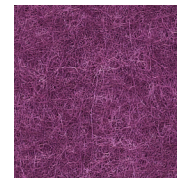
10 TOPO GREEN



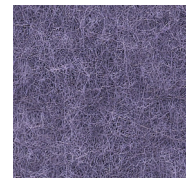
12 GRASSHOPPER



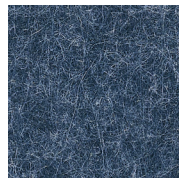
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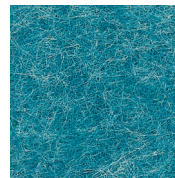
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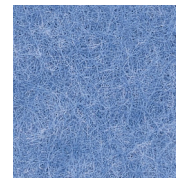
41 DRIED LAVENDER



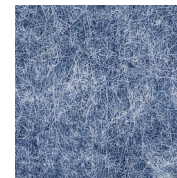
28 INDIGO



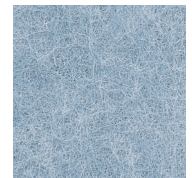
30 CYAN



31 AZURE



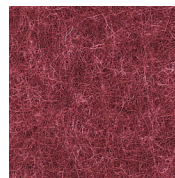
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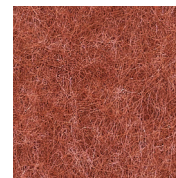
26 FADED DENIM



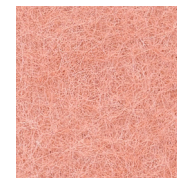
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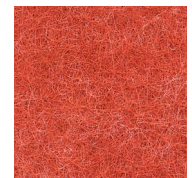
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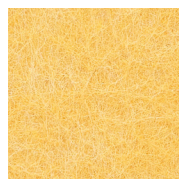
18 ULTISOL



17 BLUSH



43 ORANGE CRUSH



63 SAFFLOWER



64 PLANTAIN

TEXTURES

WOOD

Invite nature into your space with our wood-inspired textures. Digital printing on felt ensures a unique and realistic grain with virtually no repeats.

* Turf Textures are an additional cost.

CUSTOM

Endless customization options are available, including color and grain matching to your sample.

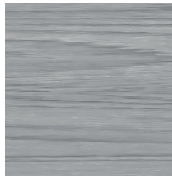
* Please note there is additional lead time for custom matching. Texture and customization will incur additional costs beyond our standard 9 mm options.

Felt thickness is 9 mm +/- 0.5 mm.

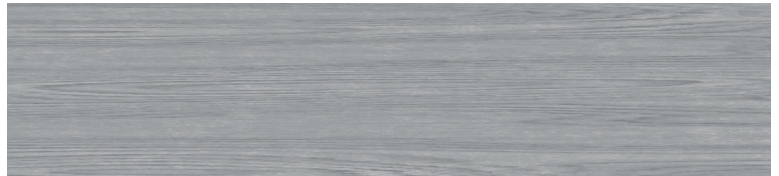
Monitors and printers vary. Please request a material sample to verify felt colors.



D01 WHITE ASH



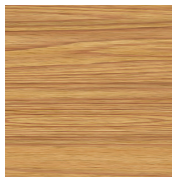
D02 SILVER TEAK



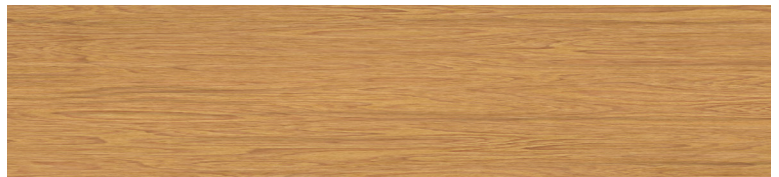
D03 CLEAR MAPLE



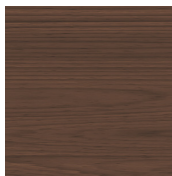
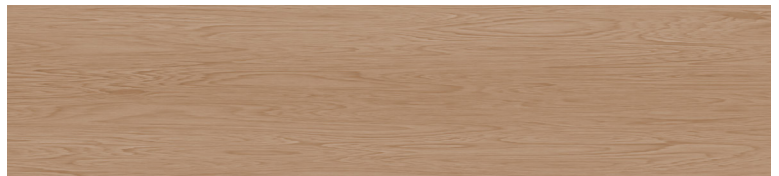
D04 WASHED ASH



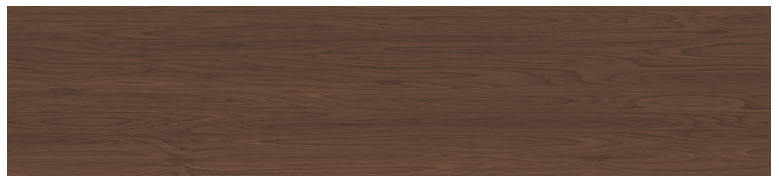
D05 MEDIUM OAK



D06 PLANKED OAK



D07 DARK WALNUT



D08 BLACK PEAR

