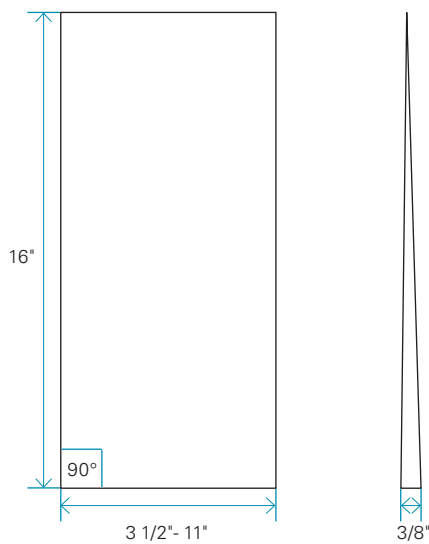


Individual Shingles

RESQUARED AND REBUTTED. NATURAL (KILN DRIED) OR FACTORY-STAINED.



STAIN	GRADE	BUTT THICKNESS	WIDTH	NOMINAL LENGTH	INSTALLATION
Solid stain	Chatham (Free of knots on the visible part - up to 6 in.)	3/8"*	3 1/2"-11"*	16"*	Sidewall use
Semi-transparent Spice series	Chatham (Free of knots on the visible part - up to 6 in.)	3/8"*	3 1/2"-11"*	16"*	Sidewall use
H2BO water-based bleaching stain - 1 coat	Chatham (Free of knots on the visible part - up to 6 in.)	3/8"*	3 1/2"-11"*	16"*	Sidewall use
	Bar Harbor™	3/8"*	3 1/2"-11"*	16"*	Sidewall use

General Specifications

SPECIES:

- Eastern White Cedar – *Thuja occidentalis*

MANUFACTURING

- Stellite-tipped blades: minimize raised grain
- Kiln-dried to 12% - 16% moisture content

PACKAGING AND COVERAGE

- Each box covers around 25 sq. ft at 5" exposure.

AVAILABLE COLORS

- Maibec solid stain color chart (one or two coats)
- Semi-transparent Spice series
- Unlimited choice of solid colors thanks to our TrueMatch® system (one or two coats)
- H2BO water-based bleaching stain (one coat)

FACTORY-STAINING

- Every shingle is factory-coated on all sides in a controlled environment for maximum stain absorption and retention. This also provides increased protection from the damaging effects of the sun and the elements.
- Following the stain application, the shingles are sent through a state of the art drier for curing. The product of European technology, this drier cures the stain from the inside out. The shingles are then cooled down and packaged. This unique system increases the durability of the product once installed.
- Low-volatile organic compounds (VOCs) water-based stains.

For exterior use only.

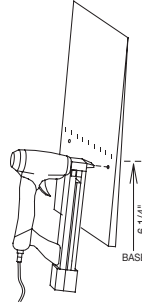
Individual Shingles

Preparing the Wall for Installation

FASTENING REFERENCE LINE

Maibec shingles feature a fastening reference line found 6 1/4" from the base of the shingle. For the 5" required shingle exposure, fasten just below the reference line to respect the installation requirement. Each individual shingle is marked on one side.

See the Maibec Shingles installation guides to know all installation requirements.



Installation System

STAPLES

- Stainless steel or aluminum staple with minimum 7/16" crown, minimum 16 gauge
- Two fasteners per shingle, regardless of its width

NAILS

- Stainless steel or hot dipped galvanized
- Ring shank blunt tip nail with minimum 7/32" head
- Two fasteners per shingle, regardless of its width

How to Calculate

HOW TO CALCULATE THE AMOUNT OF SIDING NEEDED

Example – Area to cover: 1,000 ft²

For 5" exposure, add 3% to the area to cover

$$1,000 \text{ ft}^2 \times 1.03 = 1,030 \text{ ft}^2$$

$$1 \text{ box} = 25 \text{ ft}^2$$

$$1,030 \text{ ft}^2 = 41 \text{ boxes}$$

WARRANTY* – SHINGLES SOLID STAIN

50 YEARS against wood decay
20 YEARS on solid stain 2 coats
10 YEARS on solid stain one coat

7 YEARS on labor on solid stain 2 coats

WARRANTY* – SHINGLES "SPICE" SERIES

50 YEARS against wood decay
3 YEARS on semi-transparent stain 2 coats

3 YEARS on labor

WARRANTY* – SHINGLES H2BO

30 YEARS against wood decay

GAF Slateline[®]
Designer Lifetime[†] Shingles



Slateline[®] Shingles

Bold shadow lines and tapered cut-outs create the look of slate at a fraction of the cost. Now with GAF Time-Release Algae-Fighting Technology for long-lasting algae-fighting power so strong it allows us to offer a 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration.¹



Slateline® Shingles

Benefits:

- **Affordable luxury** — Slateline® Shingles are only a fraction of the cost of traditional slate or wood shakes
- **Sophisticated design** — Artisan-crafted shapes combined with oversized tabs and a dimensional design result in a sophisticated beauty unmatched by typical shingles
- **Custom color palette** — Specially formulated color palette is designed to accentuate the shingle's natural appeal
- **Stays in place** — Dura Grip™ Adhesive seals each shingle tightly and reduces the risk of shingle blow-off. Shingles warranted to withstand winds up to 130 mph (209 km/h).²
- **StainGuard Plus™ Algae Protection Limited Warranty** — Specially engineered capsules release copper over time for long-lasting algae-fighting power. It's protection so strong, it allows us to offer a 25-year limited warranty against blue-green algae discoloration.¹
- **High-performance** — Designed with Advanced Protection® Shingle Technology, which reduces the use of natural resources while providing excellent protection for your home
- **The ultimate peace of mind** — Lifetime† limited transferable warranty with Smart Choice® Protection (non-prorated material and installation labor coverage) for the first 10 years
- **Perfect finishing touch** — For the best look, use TimberTex® Premium Ridge Cap Shingles with a StainGuard Plus™ Algae Protection Limited Warranty¹
- **Trusted** — Slateline® Shingles have earned the Good Housekeeping Seal

Colors:



Product details:

Product/System Specifics

- Fiberglass asphalt construction
- **Dimensions** (approx.): 17" x 40" (432 mm x 1,016 mm)
- **Exposure:** 7 1/2" (190.5 mm)
- **Bundles/Square:** 3
- **Pieces/Square:** 48
- **Nails/Square:** 288⁴
- **Hip/Ridge:** TimberTex®³
- **Starter:** WeatherBlocker™
- **StainGuard Plus™ Algae Protection Limited Warranty¹**

Applicable Standards & Protocols

- UL Listed to ANSI/UL 790 Class A
- Classified by UL in accordance with ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018, Type 1
- Meets ASTM D3462⁵
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- State of Florida approved
- Miami-Dade County Product Control approved
- Texas Department of Insurance listed
- CSA A123.5⁶

Installation

Detailed installation instructions are provided on the inside of each bundle wrapper of Slateline® Shingles. Installation instructions may also be obtained at gaf.com.

¹ Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence (or eligible second owner(s)) owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires the use of GAF Lifetime Shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime Shingle and at least 3 qualifying GAF Accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*; Visit gaf.com/LRS for qualifying GAF products.

² 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus™ logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions, and qualifying products.

³ 15-year 130 mph wind speed coverage requires special installation and use of GAF Starter Strip Shingles; see *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

⁴ Required by some local codes and required for enhanced wind coverage on certain products. These products are not available in all areas. See gaf.com/RidgeCapAvailability for details.

⁵ Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

⁶ Refers to products sold in Canada only.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.

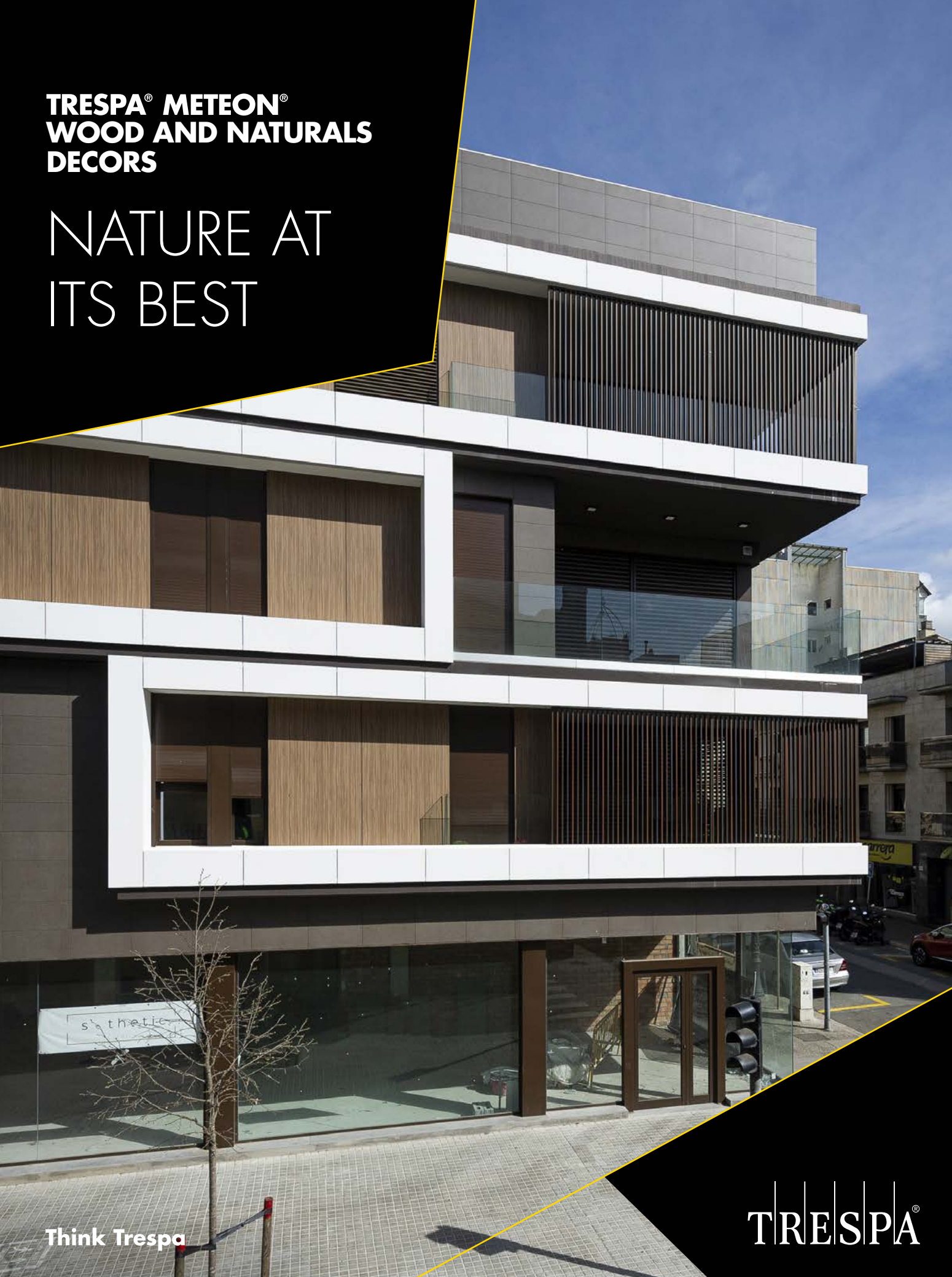


We protect what matters most™



**TRESPA® METEON®
WOOD AND NATURALS
DECORS**

NATURE AT
ITS BEST

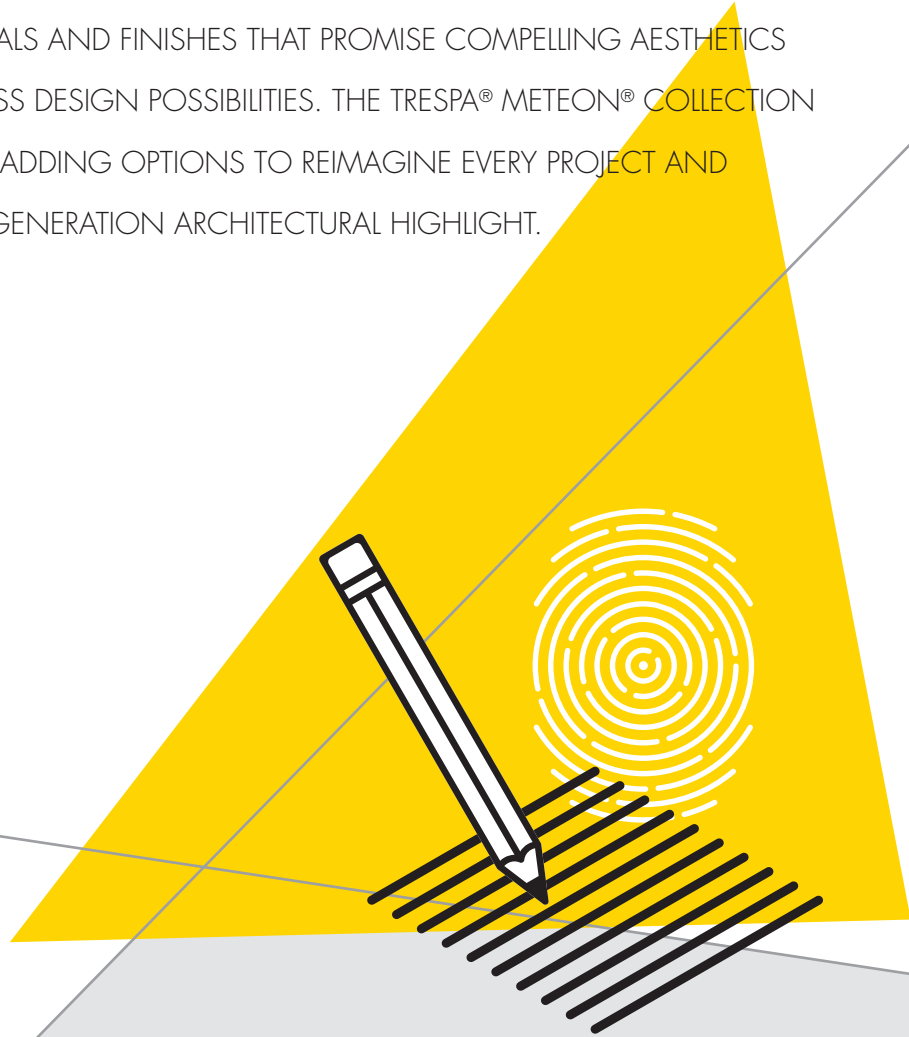


Think Trespa

TRESPA®

WHERE COMPELLING AESTHETICS AND LIMITLESS DESIGN POSSIBILITIES MEET

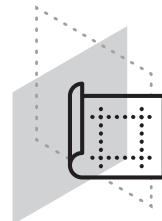
DISCOVER AN ENORMOUS RANGE OF DESIGNS. UNIQUE PATTERNS. RHYTHMS AND DEPTHS. AND ENDLESS, LONG-LASTING COLORS. ALL BROUGHT TOGETHER IN HIGH-END MATERIALS AND FINISHES THAT PROMISE COMPELLING AESTHETICS AND ALMOST LIMITLESS DESIGN POSSIBILITIES. THE TRESPA® METEON® COLLECTION OFFERS HIGH-END CLADDING OPTIONS TO REIMAGINE EVERY PROJECT AND DESIGN YOUR NEXT-GENERATION ARCHITECTURAL HIGHLIGHT.



Create perfect one-of-a-kind effects. Or simply look for other value-adding options to determine a distinctive look and underline the qualities of a building. All according to your vision and ideas. It's now possible, with Trespa® Meteon®.

EVERYTHING YOU WANT

This stunning collection features cladding panels for innovative and functional ventilated façade systems, balconies, and sunblind solutions. Available in a broad range of looks, such as Metallics, Lumen, Focus, Naturals and Woods. You even can pick different colors and finishes. Allowing you to realize almost everything you want, exactly in the way you want.



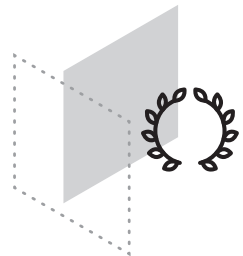
LONG-LASTING ENJOYMENT

The entire collection is highly weather resistant, so sun and rain will have no significant effect on a panel's surface. They're also easy to clean and highly scratch and impact resistant. And they all come with a 10-year limited warranty.



HIGH-END QUALITY

Trespa® Meteon® is a decorative high-pressure compact laminate (HPL) with an integral surface manufactured using Trespa's unique in-house technology: Electron Beam Curing (EBC). The blend of up to 70% natural fibers and thermosetting resins, manufactured under high pressures and temperatures, yields a highly stable, dense panel with good strength-to-weight ratio.



TRESPA® METEON® WOOD AND NATURALS DECORS
A WINNING COMBINATION



SKATING CLUB OF BOSTON

ARCHITECT	STUDIO TROIKA
MARKET SEGMENT	LEISURE, CULTURAL, SPORTS
BUILD TYPE	NEW CONSTRUCTION
USE	FAÇADES
CONSTRUCTION YR.	2020



DISCOVER THE PROJECT

NW02
ELEGANT OAK

TRESPA® METEON® WOOD AND NATURALS DECORS
MODERNIZES 1920s CHICAGO HIGH SCHOOL



WEST CHICAGO HIGH SCHOOL

ARCHITECT DLA ARCHITECTS
MARKET SEGMENT EDUCATION
BUILD TYPE RENOVATION
USE FAÇADES
CONSTRUCTION YR. 2020



DISCOVER THE PROJECT



NA14
WEATHERED BASALT



NA14
WEATHERED BASALT

TRESPA® METEON® WOOD AND NATURALS DECORS

OUR DELIVERY PROGRAM

WOOD

Color code	Color name	Satin				Matte			
		■	■	■	■	■	■	■	■
NW02	Elegant Oak	■	■	■	■	■	■	■	■
NW03	Harmony Oak	■	■	■	■	■	■	■	■
NW04	Pacific Board	■	■	■	■	■	■	■	■
NW05	Loft Brown	■	■	■	■	■	■	■	■
NW06	Montreux Amber	■	■	■	■	■	■	■	■
NW07	Montreux Sunglow	■	■	■	■	■	■	■	■
NW08	Italian Walnut	■	■	■	■	■	■	■	■
NW09	Wenge	■	■	■	■	■	■	■	■
NW10	English Cherry	■	■	■	■	■	■	■	■
NW11	Santos Palisander	■	■	■	■	■	■	■	■
NW12	Natural Bagenda	■	■	■	■	■	■	■	■
NW13	Country Wood	■	■	■	■	■	■	■	■
NW14	French Walnut	■	■	■	■	■	■	■	■
NW15	Milano Sabbia	■	■	■	■	■	■	■	■
NW16	Milano Terra	■	■	■	■	■	■	■	■
NW17	Milano Grigio	■	■	■	■	■	■	■	■
NW18	Light Mahogany	■	■	■	■	■	■	■	■
NW19	Dark Mahogany	■	■	■	■	■	■	■	■
NW22	Slate Wood	■	■	■	■	■	■	■	■
NW23	Nordic Black	■	■	■	■	■	■	■	■
NW24	Greyed Cedar	■	■	■	■	■	■	■	■
NW25	Hesbania	■	■	■	■	■	■	■	■
NW26	Core Ash	■	■	■	■	■	■	■	■
NW27	Denver Oak	■	■	■	■	■	■	■	■
NW28	Halmstad	■	■	■	■	■	■	■	■
NW29	Woodstone	■	■	■	■	■	■	■	■
NW30	Tropical Ipe	■	■	■	■	■	■	■	■
NW31	Western Red Cedar	■	■	■	■	■	■	■	■

TRESPA® METEON® WOOD DECORS PANELS FEATURE A DIRECTIONAL COLORED SURFACE. THE GRAIN OF TRESPA® METEON® WOOD DECORS RUNS THE LENGTH DIRECTION OF THE PANEL.

NATURALS

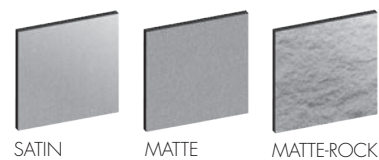
Color code	Color name	Matte				Matte-Rock*	
		■	■	■	■	■	■
NA12	Natural Chalkstone	■	■	■	■	■	■
NA13	Silver Quartzite	■	■	■	■	■	■
NA14	Weathered Basalt	■	■	■	■	■	■
NA15	Indian Terra Cotta	■	■	■	■	■	■
NA16	Belgian Bluestone	■	■	■	■	■	■
NA17	Natural Graphite	■	■	■	■	■	■
NA18	Natural Slate	■	■	■	■	■	■
NA19	Italian Slate	■	■	■	■	■	■
With metallic effect							
NM01	Rusted Brown	■	■	■	■	■	■
NM02**	Forged Alloy	■	■	■	■	■	■
NM03	Corroded Green	■	■	■	■	■	■
NM04**	Sintered Alloy	■	■	■	■	■	■
NM05**	Hardened Brown	■	■	■	■	■	■
NM06**	Tempered Grey	■	■	■	■	■	■
NM07**	Casted Grey	■	■	■	■	■	■
NM08**	Crafted White	■	■	■	■	■	■

TRESPA® METEON® NATURALS PANELS FEATURE A DIRECTIONAL COLORED SURFACE.

* WITH SATIN REVERSE.

** DECORS HAVE GLOSS ELEMENTS IN THE SURFACE.

FINISHES



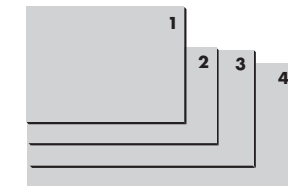
FOR TECHNICAL INFORMATION, PLEASE VISIT WWW.TRESPA.INFO



TYPES

- **SINGLE SIDED DECORATIVE** DECORATIVE SIDE WITH NON DECORATIVE BLACK REVERSE
- **DOUBLE SIDED DECORATIVE** SAME COLOR FOR FRONT AND REVERSE SIDE OF THE PANEL
- **VARITOP** DECORATIVE SIDE WITH STANDARD WHITE DECORATIVE SATIN REVERSE (A03.0.0)
- **DUOCOLOR** DIFFERENT COLOR FOR FRONT AND REVERSE SIDE OF THE PANEL

SIZES



1 ≈ 6 x 8 ft (1860 x 2550 mm)

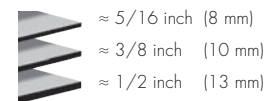
2 ≈ 5 x 10 ft (1530 x 3050 mm)

3 ≈ 6 x 12 ft (1860 x 3650 mm)

4 ≈ 7 x 14 ft (2130 x 4270 mm)*

*THE LARGE SIZE OF THIS PANEL ALLOWS AN EFFICIENT MACHINING OF THE PRODUCT.

THICKNESSES



≈ 5/16 inch (8 mm)

≈ 3/8 inch (10 mm)

≈ 1/2 inch (13 mm)

NOTE

FOR AVAILABLE SHEET SIZES, THICKNESSES AND FINISHES IN YOUR COUNTRY, PLEASE CHECK TRESPA.INFO FOR THE DETAILED AND UP TO DATE DELIVERY PROGRAM AND MATERIAL PROPERTY DATASHEET. ALTERNATIVELY YOU CAN USE THE PRODUCT SELECTOR ON TRESPA.COM (AFTER CHOOSING THE COUNTRY WHERE THE PROJECT IS LOCATED).

ORDER YOUR FREE WOOD SAMPLE



ORDER YOUR FREE NATURALS SAMPLE



MATERIAL PROPERTY DATASHEET

Decorative high-pressure compact laminates according to EN 438-6:2016 with thicknesses of 6 mm (± ¼ in) or greater for outdoor applications. Sheets consisting of layers of natural fibres (paper and/or wood) impregnated with thermosetting resins and surface layer(s) on one or both sides, having decorative colours or designs. A transparent topcoat is added to the surface layer(s) and cured by Trespas unique in-house technology Electron Beam Curing (EBC), to enhance weather and light protecting properties. These components are bonded together with simultaneous application of heat and high specific pressure to obtain a homogeneous closed material with increased density and integral decorative surface. They are available in the Standard grade (EDS; not available in all worldwide areas) and in the Fire-Retardant grade (EDF).

PROPERTIES	TEST METHOD	PROPERTY OR ATTRIBUTE	UNIT	RESULT ^{AB}	
				GRADE: EDS (METEON®)	GRADE: EDF (METEON® FR)
				STANDARD: EN 438-6	STANDARD: EN 438-6
				COLOUR/DECOR: ALL ^B	COLOUR/DECOR: ALL ^B
SURFACE QUALITY					
	EN 438-2 : 4	Spots, dirt, similar surface defects	mm ² /m ²	≤ 2	
			in ² /ft ²	≤ 0.0003	
		Fibres, hairs & scratches	mm/m ²	≤ 20	
			in/ft ²	≤ 0.073	
DIMENSIONAL TOLERANCES					
	EN 438-2 : 5	Thickness	mm	6.0 ≤ t < 8.0: +/- 0.40	
				8.0 ≤ t < 12.0: +/- 0.50	
				12.0 ≤ t < 16.0: +/- 0.60	
	EN 438-2 : 9	Flatness	in	0.2362 ≤ t < 0.3150: +/- 0.0157	
				0.3150 ≤ t < 0.4724: +/- 0.0197	
				0.4724 ≤ t < 0.6299: +/- 0.0236	
	EN 438-2 : 6	Length & width	mm	≤ 2	
				in/ft	≤ 0.024
	EN 438-2 : 7	Straightness of edges	mm	+ 5 / - 0	
				in	+ 0.1968 / - 0
	Trespa Standard	Squareness	mm	≤ 1	
				in/ft	≤ 0.012
	Trespa Standard	Squareness	mm	2550 x 1860 = max. difference between diagonals (xy) = 4	
				3050 x 1530 = max. difference between diagonals (xy) = 4	
				3650 x 1860 = max. difference between diagonals (xy) = 5	
				4270 x 2130 = max. difference between diagonals (xy) = 6	
				in	100.39 x 73.23 = max. difference between diagonals (xy) = 0.1575
				120.08 x 60.24 = max. difference between diagonals (xy) = 0.1575	
		143.70 x 73.23 = max. difference between diagonals (xy) = 0.1969			
		168.11 x 83.86 = max. difference between diagonals (xy) = 0.2362			
PHYSICAL PROPERTIES					
Resistance to impact by large diameter ball	EN 438-2 : 21	Indentation diameter - δ ≤ 1 mm with drop height 1.8 m	mm	≤ 10	
Impact resistance	ASTM D5420-04	Mean failure height	ft	1.0466	
		Mean failure energy	J	11.3	
Dimensional stability at elevated temperature	EN 438-2 : 17	Cumulative dimensional change	Longitudinal %	≤ 0.25	
			Transversal %	≤ 0.25	
Resistance to wet conditions	EN 438-2 : 15	Mass increase	%	≤ 3	
		Appearance	Rating	≥ 4	
	ASTM D2247-02	Water resistance	Rating	No change	
	ASTM D2842-06	Water absorption	%	0.5	
Modulus of elasticity	EN ISO 178	Stress	MPa	≥ 9000	
	ASTM D638-08	Stress	psi	≥ 1305000	
Flexural strength	EN ISO 178	Stress	MPa	≥ 120	
	ASTM D790-07	Stress	psi	≥ 17500	
Tensile strength	EN ISO 527-2	Stress	MPa	≥ 70	
	ASTM D638-08	Stress	psi	≥ 10150	
Density	EN ISO 1183	Density	g/cm ³	≥ 1.35	
	ASTM D792-08	Density	g/cm ³	≥ 1.35	

PROPERTIES	TEST METHOD	PROPERTY OR ATTRIBUTE	UNIT	RESULT ^{AB}	
				GRADE: EDS (METEON [®])	GRADE: EDF (METEON [®] FR)
				STANDARD: EN 438-6	STANDARD: EN 438-6
				COLOUR/DECOR: ALL ^B	COLOUR/DECOR: ALL ^B
PHYSICAL PROPERTIES					
Resistance to fixings	ISO 13894-1	Pull out strength	N	6 mm: ≥ 2000	
				8 mm: ≥ 3000	
				≥ 10 mm: ≥ 4000	
				0.2362 in: ≥ 2000	
				0.3150 in: ≥ 3000	
≥ 0.3937 in: ≥ 4000					
OTHER PROPERTIES					
Thermal resistance / conductivity	EN 12524	Thermal resistance / conductivity	W/mK	0.3	
WEATHER RESISTANCE PROPERTIES					
Resistance to climatic shock	EN 438-2 : 19	Flexural strength index (Ds)	Index	≥ 0.80	
		Flexural modulus index (Dm)	Index	≥ 0.80	
		Appearance	Rating	≥ 4	
Resistance to artificial weathering (incl. light fastness) West European cycle	EN 438-2 : 29	Contrast	Grey scale ISO 105 A02	4-5	
		Appearance	Rating	≥ 4	
Resistance to artificial weathering (incl. light fastness) Florida cycle 3000hrs	Trespa Standard	Contrast	Grey scale ISO 105 A02	4-5	
		Appearance	Rating	≥ 4	
Resistance to SO ₂	DIN 50018	Contrast	Grey scale ISO 105 A02	4-5	
		Appearance	Rating	≥ 4	
FIRE PERFORMANCE					
EUROPE					
Reaction to Fire	EN 438-7	Classification t = 6 mm / 0.2362 in	Euroclass	D-s2, d0	B-s2, d0
		Classification t ≥ 8 mm / 0.3150 in	Euroclass		B-s1, d0
NORTH AMERICA					
Material Surface Burning Characteristics ^C	ASTM E84/UL 723	Classification	Class	n.a.	A
		Flame Spread Index	FSI	n.a.	0-25
		Smoke Developed Index	SDI	n.a.	0-450
ASIA PACIFIC					
Reaction to Fire (China)	GB 8624	Classification	Class	D-s2, d0	B-s1, d0, t1

A Due to conversion from metric values, the US values provided are approximate.

B All data are related to the products mentioned in the Trespa® Meteon® standard delivery program.

C Laboratory test results are not intended to represent hazards that may be present under actual fire conditions. For multi-story applications, where local or national building codes may require full-scale fire testing in accordance with NFPA 285(U.S.) or Can/ULC-S134 (Canada), please visit our website www.trespa.info or contact your local Trespa representative for more details.

Please note: Trespa® Meteon® is engineered for vertical exterior wall coverings such as façade cladding, balcony panelling as well as horizontal exterior ceiling applications. For other applications please contact your local Trespa representative. Storage, machining, mounting and cleaning instructions are provided by the manufacturer.