

# PRO-BROCHURE THE LOOK OF WOOD WITHOUT THE WORK

EDITION 2025-1-1







# **Thinking green**

We believe sustainability and recycled materials are essential for the future of our environment - right down to the products used in your backyard or outdoor space. That's exactly why, at **NewTechWood**, we help you make green design choices through our recycled composite decking and other products made from recycled materials.

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#### **ECO-FRIENDLY**

Investing in eco-friendly products, such as our recycled deck boards, not only gives you a durable product, but is also a responsible choice for the current environmental crisis. When you buy from NewTechWood, you can feel confident your purchase will lead to a greener, more sustainable home.



Sustainability, or green living, is not just a buzzword. It is a way of life that is important for the future health of the environment. The philosophy includes three main pillars:

- Environmental protection • Social development
- Economic development



- wood fibers.
- and regulations.
- utilizing an optimum process.

**30 YEARS** We have been recycling 30 years.

### 12,000,000 lbs

Every month we save over 12,000,000 Ibs of plastic from being buried in our



NewTechWood's foundation was built upon the following green principles and values: • Products are made from 95% recycled materials, including plastic bottles and reclaimed

• Yearly third-party audits to comply with environmental, health, and safety guidelines

• Reducing our carbon footprint through waste reduction, energy conservation, and





Backed by a 25-year limited



### **NewTechWood** The Look of Wood Without the Work

When you want the look of real wood, but don't want the headaches of maintaining the beautiful façade, is the answer. NewTechWood UltraShield® lasts longer, requires less maintenance, and puts recycled materials to good use creating the natural look of wood without all the work.



25

25 Year Warranty



UltraShield Technology



Natural Surface



Environmentally Friendly



Low Maintenance Transform your spaces with **UltraShield**<sup>®</sup>: The ultimate blend of durability, innovation, and style. Engineered with a capped wood plastic composite, this advanced cladding solution delivers exceptional toughness and longevity.



Years of dedicated engineering and extensive field testing have created a product that excels in both performance and aesthetics.

UltraShield<sup>®</sup>: Designed for unmatched durability and long-lasting beauty, UltraShield<sup>®</sup> provides superior protection against scratches, stains, and fading.

#### **UltraShield**<sup>®</sup>technology





All Weather Siding is the top choice for exterior walls, offering both exceptional durability and impressive aesthetic appeal. This Siding combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite exterior wall panels unbeatable colors and textures, with high stain and UV resistance, making them long-lasting and ultra-low maintenance.



TONGUE & GROOVE US09

**TONGUE & GROOVE US09** 

#### **COLORS AVAILABLE\***



#### SIDING



#### ACCESSORIES



Dimensions	Length	Weight	Finished Product
5-9/16" X 1/2"	16'	1.31 lb/ft	
1-7/8" x 1-3/4"	8'	0.53 lb/ft	
3-1/8" x 1"	8'	0.71 lb/ft	
2-5/16" x 2-5/16"	8'	0.85 lb/ft	
-13/16" x 2-13/16"	8'	1.13 lb/ft	

Size	Material
Ø11/16" x H 5/16"	Rubber
1-1/8" x 9/16" x 13/16"	Aluminum
11/16" x 9/16"	Aluminum

# EUROPEAN UltraShield® technology 😜

**European Siding** delivers an exceptional solution for exterior walls with European elegance and sophistication. This Siding combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite exterior wall panels unbeatable colors and textures, with high stain and UV resistance, making them long-lasting and ultra-low maintenance.

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UH46



**UH46 INSTALLED** 







UH58 INSTALLED

#### **COLORS AVAILABLE\***



#### SIDING AND TRIMS

Visual Profile	Description	Code	Dimensions	Length	Weight	Finished Products
	Norwegian Board	UH46	4-13/16" x 1"	16'	1.19 lb/ft	
	Norwegian End Trim	UH50	3" x 2-1/8"	8'	0.91 lb/ft	
	Norwegian Outside Corner Trim	UH51	3-3/16" x 3-3/16"	8'	1.01 lb/ft	
	Belgian Board	UH58	7-3/4" x 1"	16' & 8'	1.67 lb/ft	
	Belgian End Trim	UH59	3-9/16" x 2-3/16"	8'	1.6 lb/ft	
2	Belgian Outside Corner Trim	UH60	5-3/16" x 5-3/16"	8'	1.6 lb/ft	
	European I-Trim	UH70	4" x 1-3/8"	8'	0.73 lb/ft	
	European F-Trim	US73	3" x 2-5/16"	8'	0.8 lb/ft	
	European L-Trim	US20	1-9/16" x 1-9/16"	8'	0.48 lb/ft	

#### ACCESSORIES

Visual Profile	Description	Code	Size	Materialv
8	Rubber Stopper	T-7	Ø11/16" x H 5/16"	Rubber
<b>B</b> u	Siding Clip	AW08	1-1/8" x 9/16" x 13/16"	Aluminum
	Siding Starting Trim	AW02	11/16" x 9/16"	Aluminum

\* Visit the Website for updated color options.



### NOIR EUROPEAN UltraShield® technology



**Noir European Siding** is a premium choice for exterior walls, featuring exceptionally bold and distinctive black strips, a truly special feature that brings unparalleled sophistication and elegance to any façade. This Siding combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite exterior wall panels unbeatable colors and textures, with high stain and UV resistance, making them long-lasting and ultra-low maintenance.



UH118



UH118 INSTALLED



UH119



UH119 INSTALLED

#### COLORS AVAILABLE\*



#### SIDING

Visual Profile	Description	Code	Dimensions	Length	Weight	Finished Products
	Noir Norwegian Board	UH118	7-3/4" x 1"	16'	1.19 lb/ft	
	Noir Belgian Board	UH119	7-3/4" x 1"	16'	1.67 lb/ft	

#### ACCESSORIES

Visual Profile	Description	Code	Size	Material
8	Rubber Stopper	T-7	Ø11/16" x H 5/16"	Rubber
	Siding Clip	AW08	1-1/8" x 9/16" x 13/16"	Aluminum
	Siding Starting Trim	AW02	11/16" x 9/16"	Aluminum

#### INSTALLED PRODUCT



VERTICAL INSTALLATION

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\* Visit the Website for updated color options.

#### HORIZONTAL INSTALLATION



Product	

### SHADOWLINE UltraShield® technology 🔯

The Shadowline Siding offers an unparalleled solution for exterior walls, facilitating air circulation between the composite cladding and joists. This design ensures a dry interior by effectively isolating water from the outside. This Siding combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite exterior wall panels unbeatable colors and textures, with high stain and UV resistance, making them long-lasting and ultra-low maintenance.

#### SIDING

Visual Profile	Description	Code	Dimensions	Length	Weight	Finished Products
	Shadowline Board	UH68	6-11/16" x 1"	16'	1.41 lb/ft	
	Shadowline Board End Trim	UH50	3" x 2-1/8"	8'	0.91 lb/ft	
	Shadowline Board Outside Corner Trim	UH51	3-3/16" x 3-3/16"	8'	1.01 lb/ft	
	Shadowline I-Trim	UH70	4" x 1-3/8"	8'	0.48 lb/ft	
	Shadowline F-Trim	US73	3" x 2-5/16"	8'	0.8 lb/ft	
	Shadowline L-Trim	US20	1-19/16" x 1-9/16"	8'	0.48 lb/ft	

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UH68



#### **COLORS AVAILABLE\***



#### ACCESSORIES

Visual Profile	Description	Code	Size	Material
8	Rubber Stopper	T-7	Ø11/16" x H 5/16"	Rubber
	Siding Clip	AW08	1-1/8" x 9/16" x 13/16"	Aluminum
	Siding Starting Trim	AW02	11/16" x 9/16"	Aluminum

\* Visit the Website for updated color options.

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Board & Batten provides a remarkable solution that enhances your exterior walls with a distinctive and powerful aesthetic. This siding combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite exterior wall panels unbeatable colors and textures, with high stain and UV resistance, making them long-lasting and ultra-low maintenance.





US86 10-15/16"x 13/16"

#### SIDING

Visual Profile	Description	Code	Dimensions	Length	Finished Product
	Board & Batten	US86	10-15/16"x 13/16" 2" Batten reveal, 7-3/4" Board Reveal	10' and 12'	

#### ACCESSORIES

Visual Profile	Description	Code	Size	Material
	Rubber Stopper	T-7	Ø11/16" x H 5/16"	Rubber
<b>B</b> u	Siding Clip	AW08	1-1/8" x 9/16" x 13/16"	Aluminum
	Siding Starting Trim	AW02	11/16" x 9/16"	Aluminum

#### **COLORS AVAILABLE\***







**US86 INSTALLED** 

\* Visit the Website for updated color options.

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All Weather Siding USC9, Japanese Cedar (CE)



**Monarch Decking** is our premium selection for decking solutions. This "High Scalloped" Series of decking is engineered for those looking for unrivaled style and performance – and features a highquality grain style. This decking combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite unbeatable colors and textures, with highly stain and UV resistance, making it long-lasting and ultra-low maintenance.

5-7/16"x 1" - 2 lb/ft

5-7/16"x 1" - 1.92 lb/ft

# EMPEROR





US125 GROOVED HIGH SCALLOP

- Crowned decking to help shed water.
- One solid board for edging and one grooved board for hidden fastening.
- Features a Mottled Wood Grain finish on one side of the board.
- Capped on all four sides for enhanced weather resistance.
- Great for residential use.
- 25-Year fade and stain warranty.
- 25-Year product warranty.

#### **COLORS AVAILABLE\***





#### **CLIPPING SYSTEMS**



#### **INSTALLED PRODUCT**



US129

#### **UltraShield®** Pattern

Monarch Emperor and Monarch Empress deck boards come with Mottled Wood Grain.



US125



Designed with grooved edges for effortless hidden fastener installation. **Bell Decking** stands out in our premium decking selection. This solid board ensures an exceptional look for your space. This decking combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite unbeatable colors and textures, with highly stain and UV resistance, making it long-lasting and ultra-low maintenance.

#### UltraShield® Pattern

Bell Series deck boards come with Cathedral Wood Grain.



US53 GROOVED

5-7/16"x 7/8" - 2.14 lb/ft

- Solid boards with Grooved edges for easy hidden fastener installation.
- Features a mottled wood grain finish on one side of the board.
- Capped on all four sides for enhanced weather resistance.
- Compatible with Cortes & Magellan Series.
- Great for commercial use.
- 25-Year fade and stain warranty.
- 25-Year Product Warranty.

#### **COLORS AVAILABLE\***





#### **CLIPPING SYSTEMS**



#### **INSTALLED PRODUCTS**





\* Visit the Website for updated color options.





**Cortes and Magellan Decking** are the highlights of our decking series boasting a Dual Finish with Rustic Wood Grain on one side and Cathedral Wood Grain on the other. This innovative design provides outstanding performance and versatile style. This decking combines the toughness and longevity of a capped wood plastic composite with an engineered design. The shield gives the composite unbeatable colors and textures, with high stain and UV resistance, making it long-lasting and ultra-low maintenance.



- Features Dual Finish: Cathedral Wood Grain on one side and Rustic on the other.
- Compatible with Bell Series.
- Great for commercial and residential use.
- 25-Year fade and stain warranty.
- 25-Year Product Warranty.

#### **COLORS AVAILABLE\***



Cortes and Magellan Series deck boards come with Cathedral Wood Grain on one side and Rustic on the other.



#### **CLIPPING SYSTEMS**



#### **INSTALLED PRODUCT**



\* Visit the Website for updated color options.

#### UltraShield® Pattern









**UltraEasy Fencing** provides the appearance of wood without the maintenance, featuring a streamlined and straightforward design for easy installation.

This fencing boasts a smooth, screw-free surface for a sleek look. With UltraEasy Fence, you achieve a low-maintenance, attractive, and durable fencing solution.





UH66

**UH66 INSTALLED** 

#### **COLORS AVAILABLE\***





#### FENCING

Visual Profile	Description	Code	Dimensions	Length	Weight	Finished Product
	Flat Board	UH66	6-5/16" X 13/16"	69"	5.17 lb/pc	

#### POST KIT





\*Black and gray metal finishes. Gate kit available Spring 2025.

Size	Material
11/16"x H 5/16	Aluminum
16"x 9/16"x 1-1/8	Aluminum
16"x 9/16"x 1-1/8	Aluminum



UltraEasy Fencing UH66, Peruvian Teak (TK) with Gray Frame.



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### **HYBRID COMPOSITE RAILING**

UltraShield® technology 🤯

**Hybrid Composite** railing offers exceptional strength, durability, and beauty. Its advanced composition makes it highly resistant to the elements, ensuring it maintains its pristine appearance over time. This low-maintenance feature, combined with its resistance to splintering, warping, and fading, makes composite railing an increasingly popular choice among homeowners seeking both practicality and elegance.



\*This kit contains all the parts needed to build booth stairs and railings.

#### **COLORS AVAILABLE\***



#### COMPONENTS







Code	Dimensions	Weight
US-636RK-ALU-ZX	74" x 10" x 3"	37 lbs/Box
US-636PK-ALU-ZX-	42" x 6" x 6"	23 lbs/Box
R0227-45-L/R	4" x 4" x 2"	3.6 lbs/Box



# **AL**<sup>13</sup> usions<sup>®</sup> ALusions® technology

ater Absorption

ALusions Blocks feature our exclusive UltraShield<sup>®</sup> technology, where a protective layer of composite material is meticulously wrapped around hollow aluminum cores. This combination creates a product that is not only stunning in appearance, but also remarkably resilient.



Years of dedicated engineering and extensive field testing have created a product that excels in both performance and aesthetics.

Resistance

UltraShield<sup>®</sup>: Designed for unmatched durability and long-lasting beauty, UltraShield<sup>®</sup> provides superior protection against scratches, stains, and fading.



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**ALusions Blocks** feature a straight grain profile that elevates the visual appeal of any project, adding a refined touch of sophistication and elegance. Perfect for architects, designers, and homeowners, these blocks incorporate our exclusive UltraShield technology. This innovation includes a composite protective layer meticulously wrapped around hollow aluminum cores, ensuring both durability and style.

#### COMPONENTS

Visual Profile	Description	Code	Dimensions	Length	Weight	Finished Product
	Alusions Decorative Block Beam Profile 2.22 in. x 1.28 in.	CAF09	2-1/4" x 1-1/4"	12'	1.95 lb/pc	
	Alusions Aluminum End Cap 1 in. x 2 in.	EC-CAF09	2" x 1"	N/A	0.6 lb/pc	
	Alusions Decorative Block Beam Profile 3.94 in. x 2.05 in.	CAF11	3-1/8" x 1"	12'	3.15 lb/pc	
	Alusions Aluminum End Cap 2 in. x 4 in.	EC-CAF11	4" x 2"	N/A	0.18 lb/pc	



**NewTechWood CAF09 and CAF11** can be installed both horizontally and vertically. For detailed instructions, review the information in the Installation section.

#### **COLORS AVAILABLE\***



#### PROJECTS







ALusions CAF09, Peruvian Teak (TK) and Indian Ebony (EB)



ALusions CAF09, Peruvian Teak (TK)

# ALLURE **ALUMINUM RAILING**

Allure Railing from NewTechWood brings a perfect combination of modern design, strength, and low maintenance to your outdoor and indoor spaces. Crafted from premium, weather-resistant materials, Allure Railing offers the timeless elegance of aluminum, delivering a last solution of style and durability.



Years of dedicated engineering and extensive field testing have created a product that excels in both performance and aesthetics.

**Allure**<sup>®</sup>: Designed for unmatched durability and long-lasting beauty, **Allure**<sup>®</sup> provides superior protection against scratches, stains, and fading.



# ALLURE® ALUMINUM RAILING

Allure railing offers a quick and convenient solution for installing a railing system. The Allure Railing line features a durable powder-coated finish designed to resist harsh weather conditions and retain its color over time. This low-maintenance feature, combined with its resistance to splintering, warping, and fading, makes aluminum railing an increasingly popular choice among homeowners seeking both practicality and elegance.



**COLORS AVAILABLE\*** 



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\* Visit the Website for updated color options.

#### COMPONENTS

Visual Profile	Description	Code	Dimensions	Weight
	Preassembled Railing 72 in. x 36 in.	AL-36-6-	72" x 2.36" x 34"	15.44 lbs/Box
	Preassembled Railing Kit 96 in.	AL-36-8-	95.5" x 2.05" x 33.25"	20.13 lbs/Box
	Preassembled Railing Kit 72 in. x 42 in.	AL-42-6	71.5" x 2.05" x 39.25"	16.54 lbs/Box
	Preassembled Railing Kit 96 in. x 42 in.	AL-42-8	95.5" x 2.05" x 39.25"	21.67 lbs/Box
	Deck Post Kit 3 in. x 3 in. x 36 in.	AL-POST-36	41.73" x 5.5" x 5.5"	7.23 lbs/Box
	Deck Post Kit 3 in. x 3 in. x 42 in.	AL-POST-42	47.73" x 5.5" x 5.5"	8.12 lbs/Box
	Preassembled Stair Kit 96 in. x 36 in.	AL-STR-36-8	72.44" x 2.36" x 32.87"	19.14 lbs/Box
	Preassembled Stair Kit 96 in. x 36 in.	AL-STR-42-8	96.45" x 2.36" x 32.87"	20.84 lbs/Box
<u> </u>	Stair Bracket	AL-STR-BRACKET	12.59" x 10" x 6.29	1 lb/Box
8939	Straight Railing Bracket	AL-BRACKET	12.59" x 10" x 6.29	1 lb/Box
	Preassembled Aluminum Gate 36 in.	AL-36-GATE	48.62" x 3.54" x 37"	16.84 lbs/Box
	Preassembled Aluminum 42 in.	AL-42-GATE	48.62" x 3.54" x 43.11"	17 lbs/Box
Research Research	Drink Rail 6 ft.	DRINK-6	70.86" x 4.52" x .09"	3 lbs/Box
	Drink Rail 8 ft.	DRINK-8	94.88" x 4.52" x .09"	4 lbs/Box





#### RESOURCES

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Visual Profile	Description	Code	Dimensions	Length	Weight	Visual Profile	Description	Code	Dimensions	Length	Weight				
	Tongue & Groove	US09	5-9/16" X 1/2"	16'	1.31 lb/ft		Norwegian Board	UH46	4-13/16" x 1"	16'	1.19 lb/ft				
					o 1.31 ID/T		Norwegian End Trim	UH50	3" x 2-1/8"	8'	0.91 lb/ft				
	All-Weather F-Trim	U544	1-7/8" x 1-3/4"	8'	0.53 lb/ft		Norwegian Outside Corner Trim	UH51	3-3/16" x 3-3/16"	8'	1.01 lb/ft				
							Belgian Board	UH58	7-3/4" x 1"	16' & 8'	1.67 lb/ft				
	All-Weather H-Trim	US45	3-1/8" x 1"	8'	8'	0.71 lb/ft		Belgian End Trim	UH59	3-9/16" x 2-3/16"	8'	1.6 lb/ft			
								-	Belgian Outside Corner Trim	UH60	5-3/16" x 5-3/16"	8'	1.6 lb/ft		
	All-Weather Outside Corner Trim	US46	2-5/16" x 2-5/16"	8'	0.85 lb/ft		European I-Trim	UH70	4" x 1-3/8"	8'	0.73 lb/ft				
~	comer min				0.05 10/10			0.05 10/12	5 0.65 lb/rt		European F-Trim	US73	3" x 2-5/16"	8'	0.8 lb/ft
	All-Weather Inside Corner Trim	US47	2-13/16" x 2-13/16"	8'	1.13 lb/ft		European L-Trim	US20	1-9/16" x 1-9/16"	8'	0.48 lb/ft				

# SIDING

NOIR EUROPEAN	

Visual Profile	Description	Code	Dimensions	Length	Weight
	Noir Norwegian Board	UH118	7-3/4" x 1"	16'	1.19 lb/ft
	Noir Belgian Board	UH119	7-3/4" x 1"	16'	1.67 lb/ft

#### **BOARD & BATTEN**



#### SHADOWLINE



Visual Profile	Description	Code	Dimensions	Length	Weight
	Shadowline I-Trim	UH70	4" x 1-3/8"	8'	0.48 lb/ft
-	Shadowline F-Trim	US73	3" x 2-5/16"	8'	0.8 lb/ft
	Shadowline L-Trim	US20	1-19/16" x 1-9/16"	8'	0.48 lb/ft

	Visual Profile	Description	Code	Size
ACCESORIES	8	Rubber Stopper	T-7	Ø11/16" x H 5/16"
ACCESORIES		Siding Clip	AW08	1-1/8" x 9/16" x 13/16"
_		Siding Starting Trim	AW02	11/16" x 9/16"



#### ALUSIONS

**ALUSIONS** 

Visual Profile	Description	Code	Dimensions	Length	Weight
	Alusions Decorative Block Beam Profile 2.22 in. x 1.28 in.	CAF09	2-1/4" x 1-1/4"	12'	1.95 lb/pc
	Alusions Aluminum End Cap 1 in. x 2 in.	EC-CAF09	2" x 1"	N/A	0.6 lb/pc

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Visual Profile	Description	Code	Dimensions	Weight
	Preassembled Railing 72 in. x 36 in.	AL-36-6-	72" x 2.36" x 34"	15.44 lbs/Box
	Preassembled Railing Kit 96 in.	AL-36-8-	95.5" x 2.05" x 33.25"	20.13 lbs/Box
	Preassembled Railing Kit 72 in. x 42 in.	AL-42-6	71.5" x 2.05" x 39.25"	16.54 lbs/Box
	Preassembled Railing Kit 96 in. x 42 in.	AL-42-8	95.5" x 2.05" x 39.25"	21.67 lbs/Box
	Deck Post Kit 3 in. x 3 in. x 36 in.	AL-POST-36	41.73" x 5.5" x 5.5"	7.23 lbs/Box
	Deck Post Kit 3 in. x 3 in. x 42 in.	AL-POST-42	47.73" x 5.5" x 5.5"	8.12 lbs/Box
	Preassembled Stair Kit 96 in. x 36 in.	AL-STR-36-8	72.44" x 2.36" x 32.87"	19.14 lbs/Box
	Preassembled Stair Kit 96 in. x 36 in.	AL-STR-42-8	96.45" x 2.36" x 32.87"	20.84 lbs/Box
20-	Stair Bracket	AL-STR-BRACKET	12.59" x 10" x 6.29	1 lb/Box
<u> </u>	Straight Railing Bracket	AL-BRACKET	12.59" x 10" x 6.29	1 lb/Box
	Preassembled Aluminum Gate 36 in.	AL-36-GATE	48.62" x 3.54" x 37"	16.84 lbs/Box
	Preassembled Aluminum 42 in.	AL-42-GATE	48.62" x 3.54" x 43.11"	17 lbs/Box
NAME OF TAXABLE	Drink Rail 6 ft.	DRINK-6	70.86" x 4.52" x .09"	3 lbs/Box

Visual Profile	Description	Code	Dimensions	Length	Weight
	Alusions Decorative Block Beam Profile 3.94 in. x 2.05 in.	CAF11	3-1/8" x 1"	12'	3.15 lb/pc
	Alusions Aluminum End Cap 2 in. x 4 in.	EC-CAF11	4" x 2"	N/A	0.18 lb/pc



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