

THE ULTIMATE  
TIMBER ROOF  
SYSTEM.

DELIVERING  
UNRIVALLED  
INSULATION  
PERFORMANCE

FOR CONSERVATORIES  
AND EXTENSIONS.

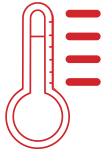
THE  
**ThermaCore**  
WARM ROOF

  
**LABC**  
Registered  
Partner Authority Scheme



## Building Control Approved

The ThermoCore Warm Roof has been tested and certified by LABC



## Thermal Performance

The ThermoCore Warm Roof delivers market-leading thermal efficiency, helping to keep your conservatory cool in the summer while retaining warmth during the winter.



## Speedy Installation

Quick and easy installation with a flawless finish



## Customisable

Personalise your space with a wide range of internal and external finish options, glass panes, roof windows and a variety of tile styles to suit your design.



## 10 Year Guarantee

10 year guarantee from the manufacturer



## Bespoke Design

Every roof is designed bespoke to you, with our specialist in-house design team creating a solution tailored from the ground up to perfectly suit your conservatory.



## TRANSFORM YOUR CONSERVATORY WITH A THERMACORE WARM ROOF

*Thinking about replacing your glazed conservatory roof or expanding your home with a cozy new space? The ThermaCore Warm Roof offers a flexible, high-performance solution that is perfect for upgrading an existing conservatory or designing a custom extension that blends seamlessly with your home.*

*With the ThermaCore Warm Roof, you can personalise your space with stylish features like roof vents, wide glass panels, or elegant roof lanterns. It's also fully **compliant with building control regulations** and can be easily registered directly with the manufacturer, as they are an **LABC Registered Partner**, giving you total peace of mind from start to finish.*

The background image shows the interior of a bright conservatory. In the foreground, there is a wooden dining table with several dark chairs. A large, semi-transparent orange circle is centered over the image, containing white text. The conservatory has white walls and a white ceiling with two large skylights. Large glass doors on the right side offer a view of greenery outside. A potted plant is visible near the doors.

**THE ULTIMATE  
TIMBER ROOF  
SYSTEM,**

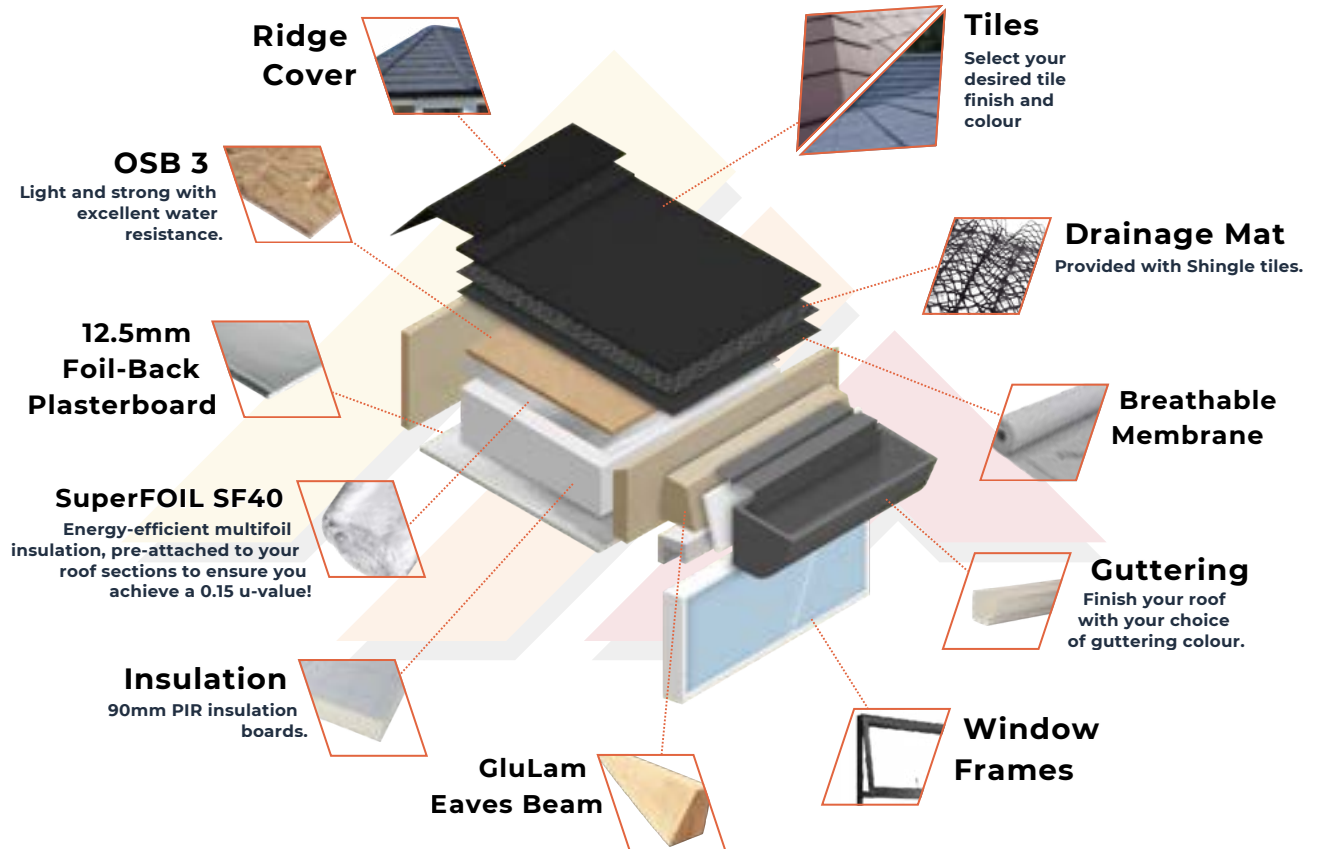
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DELIVERING  
**UNRIVALLED  
INSULATION  
PERFORMANCE**

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FOR CONSERVATORIES  
AND EXTENSIONS.

# HOW DOES IT WORK?



*Whether you're upgrading an existing structure or embarking on a new project, the ThermaCore Warm Roof offers one of the most reliable and energy-efficient options available today.*



# INSULATION THAT DELIVERS

Every ThermaCore roof is pre-fitted with **90mm PIR insulation** boards, one of the leading insulation solutions on the market, and pre-fitted with **SuperFOIL SF40**, a high-performance, multi-layer reflective insulation that acts as a 3-in-1 solution for thermal insulation, radiant barrier, and vapour control.

## U-VALUES AS LOW AS...

# 0.15 & 0.12

Every ThermaCore Warm Roof has been independently tested and certified by **LABC**. This includes thorough structural calculations, detailed thermal performance checks, condensation risk analysis, and full verification of the complete system - all carried out by independent experts. As a result, **the ThermaCore Warm Roof holds full system approval**, giving you complete confidence and making building control approval quick, easy, and stress-free from start to finish!



# WHY CHOOSE TIMBER OVER ALUMINIUM?

## Proven Over Centuries...

**Timber has stood the test of time!** It has been used in construction for hundreds of years. It remains the preferred material in traditional roofing due to its natural strength, insulation properties, and long-term reliability.

## ThermaCore: Built Like a Real Roof

Our roof is **designed to perform like a traditional home roof**, not a conservatory upgrade

Here's how we do it:

- Timber rafters, just like in a standard house build!
- Built in thermal break meaning **no condensation traps**, no compromise!

This design ensures lasting performance, energy efficiency, and complete peace of mind - for both installers and homeowners.



NO ALUMINIUM



NO CONDENSATION



NO HOT & COLD TRANSFER



# A ROOF FOR **EVERY** SPACE...

The versatile ThermaCore Warm Roof allows for fully bespoke configurations, making it ideal for unique spaces and personalised living areas. Built around a robust timber structure, it suits everything from classic Victorian and Edwardian designs to contemporary lean-to and bespoke layouts.

## Standard Roof Options



### Edwardian

*A clean, effective roof design featuring three sides that slope towards a central ridge.*



### Lean-to

*Modern mono-pitched styling with clean lines that can easily accommodate large opening vents*



### Double- Hipped Edwardian

*Double-hipped Edwardian with aluminium box gutter.*



### Hipped Lean-to

*Derived from a lean-to form, this roof incorporates two hips to create extra sloping sides.*



### Victorian

*A versatile, multi-faceted design with three or five sides, easily adaptable to a wide range of homes.*



### Gable

*A modern roof style with a high gable frontage, double pitch and optional glazed gable for increased natural light.*



### Combination

*A truly bespoke roof design, unique to your home and formed by combining any of the above options.*



## Lighting

Incorporate internal spotlights to make your new space feel like a natural extension of your home



**SEAMLESS  
FINISH**

# COMBINE A CLEAN CONTEMPORARY FINISH WITH A FASTER, SIMPLER INSTALLATION

Lightweight, easy to handle and straightforward to fit, the system helps installers complete roofs more efficiently with less cutting, less handling and fewer components. Available in a range of colours, its defined horizontal and vertical lines create a smart, low-profile finish that complements both traditional and modern properties.



## Speedy Installation

Fewer tiles required & up to 50% faster to fit



## Lightweight

From 6kg per sq metre



## 40 Year Warranty

Guaranteed against weather penetration for 40 years

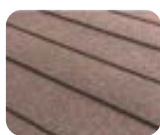


## Fire Rated

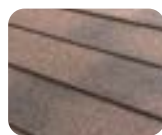
BS476-3 fire rating



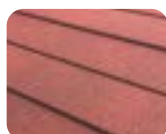
CHARCOAL



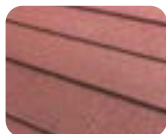
COFFEE



BURNT UMBER



ANTIQUE  
RED



TERRACOTTA  
RED



12° Min Pitch

**EASY FIT TILE**  
— by EASY ROOF TILE — **ERT**



12° Min Pitch

# <sup>®</sup> **TAPCOSLATE** *Classic*

BBA-certified TapcoSlate combines the timeless appearance of natural slate with the practicality and performance of a modern roofing system. Lightweight, durable and impact resistant, it will not crack, break or delaminate and requires no sorting, clipping or drilling, making installation faster and easier. Suitable for lower roof pitches than many natural slate products, TapcoSlate delivers a high-quality finish at a competitive overall cost and is supported by a 40-year warranty.



**Speedy Installation**  
Easy to cut & quick to install



**40 Year Warranty**  
Guaranteed against weather penetration for 40 years



**Lightweight**  
From 12kg per sq metre



**Fire Rated**  
Fully tested for fire, wind, driven rain & water absorption



**PEWTER  
GREY**



**STONE  
BLACK**



**CHESTNUT  
BROWN**



**RED ROCK**



**BRICK RED**



**PLUM**



**OLIVE GREEN**

# STONE COATED **GALVANISED** STEEL FOR A DURALBLE, AUTHENTIC **SHINGLE EFFECT**

A Shingle tiled roof is crafted to offer an authentic roof tile appearance, boasting the widest array of standard colours. This design approach not only enhances the aesthetic appeal of the roof but also contributes to its structural integrity, ensuring that it combines both form and function effectively.



**Speedy Installation**  
Quick, easy & seamless installation



**40 Year Warranty**  
Guaranteed against weather penetration for 40 years



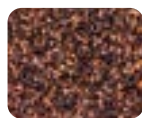
**Lightweight**  
From 7kg per sq metre



**Fire Rated**  
BS476-3 fire rating



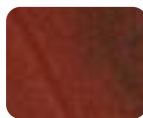
**RAVEN**



**RUSTIC  
BROWN**



**RUSTIC  
TERRACOTTA**



**RUSTIC  
RED**



**TITANIUM  
GREY**



**BRAMBLE  
BROWN**



**SMOKED  
OAK**

**BRITMET**  
LIGHTWEIGHT ROOFING



10° Min Pitch

**SHINGLE**

# A STYLISH, **DURABLE** DESIGN WITH A **CLASSIC SLATE** STYLE FINISH

12° Min Pitch

LiteSlate, introduced to the market by Britmet in May 2019, is a cutting-edge synthetic slate roofing tile that stands out due to its use of 94% recycled polymers. Designed to emulate the aesthetic and functional qualities of traditional slate, LiteSlate offers an authentic finish characterized by riven edges and traditional color options.



#### Speedy Installation

Quick, easy & seamless installation



#### 40 Year Warranty

Guaranteed against weather penetration for 40 years



#### Lightweight

From 10kg per sq metre



#### Fire Rated

BS476-3 fire rating

## LITESLATE



ASH



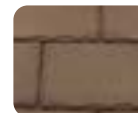
CHARCOAL



AMETHYST



SUNSET



OAK

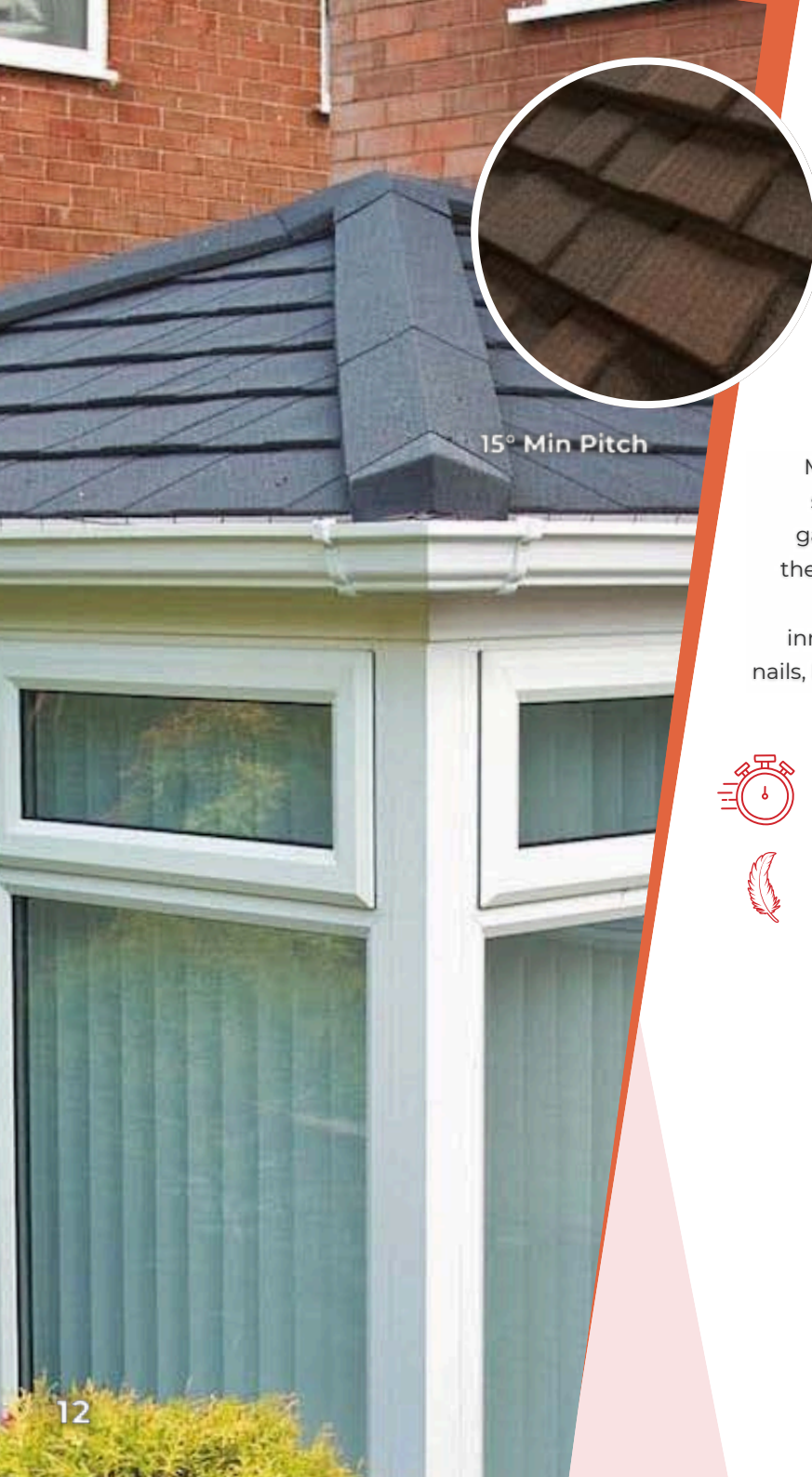


SUNSHINE



SLATE

**BRITMET**  
LIGHTWEIGHT ROOFING



# metrotile

## LIGHTWEIGHT ROOFING

Metrotile Shingle offers a simple yet stylish roofing solution for your warmer roof. Manufactured from galvanised steel with a durable stone-coated finish, these tiles are both practical and cost-effective while also supporting sustainability. Designed with an innovative hidden-fix system, they leave no exposed nails, helping to prevent corrosion caused by rainwater.



### Speedy Installation

Quick, easy & seamless installation with a hidden fix system



### 40 Year Warranty

Guaranteed against weather penetration for 40 years



### Lightweight

From 6.1kg per sq metre



### Fire Rated

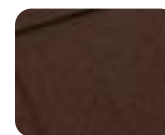
Highest possible fire rating



EBONY



ANTIQUE RED



BURNT UMBER



MOSS GREEN



IRON BARK



CHARCOAL

Britmet LiteSlate Pictured

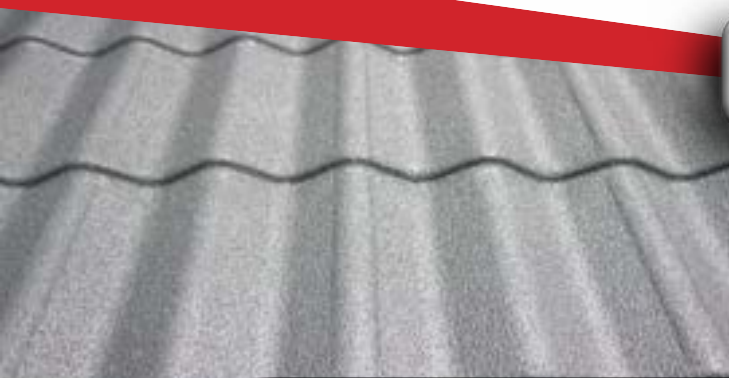


# LOW PITCH, HIGH IMPACT: INTRODUCING THE LOW PITCH ROOF

With a **roof pitch as low as 3°** - choose the ThermoCore Low Pitch Roof if you have a height restriction, such as on a bungalow! This modern solution features durable finish that complements any property.

Designed with the same proven build-up as our Classic Roof, the ThermoCore Low Pitch Roof combines trusted performance with a streamlined, modern solution. With its lightweight timber construction, the ThermoCore Warm Roof is easy to install without compromising strength or durability. It delivers superior energy efficiency through a hybrid insulation system, keeping the overall build-up efficient and practical.

## PANTILE 2000



Britmet's Pantile 2000 is a market-leading, lightweight tile-effect roofing sheet, combining innovation with outstanding performance. Suitable for roof pitches as low as 5° - it offers exceptional versatility and is backed by a weather penetration guarantee. Made to measure to your exact rafter length, it can reduce installation time by up to 50%.

Manufactured from high-grade Aluzinc steel with a durable, mineral-filled coating, Pantile 2000 is ideal for a wide range of applications, it comes complete with a 50-year weather seal guarantee for long-term peace of mind.



CHARCOAL



MID GREY



TERRACOTTA



TUDOR BROWN



ANTIQUE RED



SAGE GREEN

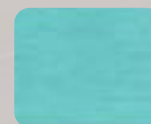
# LOW PITCH ROOF SHEETS

3° Min Pitch

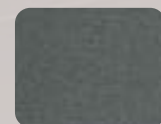
*If your project requires a roof pitch below 5° our low pitch roof sheets provide the perfect solution. Designed to perform at pitches down to just 3° - they combine reliable weather protection with a sleek, modern metal finish for a contemporary look.*



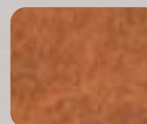
ZINC PATINA



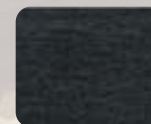
COPPER PATINA



GRAPHITE PATINA



CORTON



DARK ZINC PATINA



COPPER OXIDE



# HIGH-PERFORMANCE FLAT ROOFING, REDEFINED

*The ThermaCore Flat Roof is a modern, high-performance solution that sets **a new standard in flat roof construction**. Built using advanced warm roof technology, it delivers exceptional thermal efficiency, helping to minimise heat loss and keep your space comfortable all year round.*

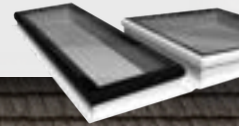
*Using the same insulation technology as our classic warm roofs, every ThermaCore roof is pre-fitted with 90mm PIR insulation boards alongside SuperFOIL SF40, achieving a 0.15 or 0.12 U-Value.*

*Supplied as a pre-fabricated kit, each system is designed for **quick, straightforward installation, reducing time on site and minimising disruption**.*

*Whether you're upgrading an existing roof or starting a new project, the ThermaCore Flat Roof offers a reliable, energy-efficient solution with a clean, contemporary finish.*



Finish with a  
**lantern** or **rooflight**!



**UNRIVALLED  
PERFORMANCE**

“

THE ROOF WAS OFF AND  
THE NEW ONE ON  
BEFORE 10:30AM AND

**IT WENT TOGETHER  
PERFECTLY!**

”

SERVICE YOU CAN RELY ON

# MAKING BUILDING CONTROL APPROVAL SIMPLE AND STRESS-FREE



*Building Control can often feel like a daunting part of the process, and working with third-party building control who may not fully understand the Thermacore Warm Roof system can lead to frustrating delays, constant back-and-forth queries, and mountains of paperwork.*

*That's why we've developed a straightforward, streamlined process designed to remove the hassle. Every ThermaCore Warm Roof has been independently assessed and approved through LABC, including structural calculations, thermal performance testing, condensation risk analysis and verification of the complete roofing system by independent experts.*

*As a result, the **Thermacore Warm Roof holds full System Approval**, giving you complete confidence and making building control approval quick, easy, and stress-free from start to finish!*

# YOUR QUESTIONS ANSWERED

## **Will I be able to use my room all year round?**

The addition of a ThermaCore Warm Roof can make your room up to 70% cooler in summer and 90% warmer in winter so you will be able to comfortably use your room all year round! You will also be able to enjoy the benefits of reduced noise pollution, no solar glare and extra privacy.

## **Should I be concerned about condensation?**

The ThermaCore Warm Roof is designed with a hybrid insulation system, providing advanced thermal efficiency with no risk of condensation. The internal insulation creates a thermal break that prevents heat transfer and subsequent condensation build-up. It is also constructed from timber, which has low thermal conductivity, further eliminating the risk of condensation.

## **Will it pass with building control?**

The ThermaCore Warm Roof is fully compliant with Building Regulations and is pre-approved by your local Building Control. It can be registered directly with the designers, ThermaCore, an LABC partner, simplifying the Building Control approval process.

## **How long will the work take to complete?**

No installation is the same, but the average ThermaCore Warm Roof installation is completed within 2–3 days, and in most instances the roof is secured and weather-tight on the same day.

## **Will the roof be too heavy for my existing frames?**

When compared to a glass roof, the ThermaCore Warm Roof is only very slightly heavier but has been structurally calculated to ensure the weight is evenly distributed throughout the structure. It is important, however, to check that existing window and door frames are suitably reinforced and, in keeping with government guidelines, that the structure shows no signs of distress and the existing foundations are adequate to carry the additional weight.

## **Will my internal room feel darker?**

A tiled roof will eliminate permanent glare as well as hot and cold spikes. However, there will be a small reduction in light, although you can opt to have roof windows fitted or choose to incorporate full glass panes to compensate.

## **Will my new roof match my house?**

ThermaCore Warm Roofs are all bespoke designs, offering you a range of both internal and external finishes, to provide a matching solution for your home.



INTERNAL  
PELMET



GABLE  
OVERHANG



EXTERNAL SOFFIT



GLASS  
PANELS



**MAKE IT  
YOUR OWN**



**INSIDE  
& OUT**



VELUX  
WINDOWS



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