



SmartPlaz
Think Smart

Traditional Boxend Protection

One Step Closer





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INTRODUCTION

Bargeboards are an essential architectural element typically found on the gable ends of a property, which is the triangular portion of a wall between the edges of a sloping roof. The box ends, also known as bargeboard ends, are the decorative or functional elements at the extremities of these bargeboards.

Here is a breakdown of their purpose and significance:

Aesthetic Appeal:

Decorative Function: Box ends are often designed with intricate patterns or carvings, adding aesthetic value to the overall appearance of the property. They contribute to the visual appeal of the building, especially in traditional or ornate architectural styles.

Structural Protection:

Weather Protection: Bargeboards and box ends play a crucial role in protecting the exposed edges of the roof from the elements. They help shield the roof structure from rain, wind, and other weather conditions, preventing water damage and decay.

Preventing Pest Entry: Professionally installed box ends create a barrier against pests, preventing them from entering the roof space. This is particularly important for the longevity and structural integrity of the property.

Historical and Cultural Significance:

Preservation of Tradition: In many cases, box ends are installed in a seamless and traditional way to preserve the historical and cultural aspects of the architecture. This reflects a commitment to maintaining the original design elements and craftsmanship of a specific period or style.



The Hidden Dangers

One Piece Box end Problem

We've found water infiltrating behind these one-piece boxends, evident in the rotting fascia and, more critically, the structural roof rafter.

Water infiltration is a serious issue that can cause extensive damage to a building's structure over time. In this case, the one-piece boxends have allowed water to seep in, leading to rotting fascia and a compromised structural roof rafter. It's important to address this issue as soon as possible to prevent further damage and potential safety hazards. A professional inspection should be conducted to determine the extent of the damage and the best course of action for repairs. Regular maintenance and inspections can also help prevent water infiltration issues from occurring in the first place.

Structural Roof Rot





Rafter Repair Required

To repair a rotten rafter involves the removal of the damaged section, replaced with treated timber, reinforcement, and application of wood preservative, be mindful of the associated costs and consult a structural expert if there are concerns about the overall structural integrity.

Why This Is Happening

These one-piece boxends feature a joining strip covering the expansion joint. Plastic expands, enlarging the gap, increasing the likelihood of moisture finding its way behind the fascia. This can lead to the onset of rot in the wooden rafters.





Traditional Box End Solution

Ultimate Protection

A traditional seamless upvc Bargeboard without joints on the box end provides complete protection for your roof rafter.

Smartplaz have been installing this style of boxend for over 25 years, because UPVC expands and contracts it creates gaps allowing water to penetrate. Any vertical expansion on a boxed end can lead to water seeping behind the fascia, initiating the rotting process of the rafter, as we are now discovering!

Make sure that your PVC box ends are installed using the traditional looking method.



Notes



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