

Ubbink Ventilated Dry Ridge Kit



Introduction

The Ubbink Dry Ridge Kit is suitable for Ridge and Hip systems. It is mortar free, mechanically fixes to the ridge tiles according to BS5534. It is easy to install under most weather conditions. The Kit offers sufficient components for a ridge of a typical house up to 6M. It offers a long lasting, secure and maintenance free solution for your roof. It matches a wide range of ridge tiles, such as:

- Redland Universal Angle
- Half Round / Segmental
- Marley Modern

The Dry Ridge Union Kit complies with BS 5250 and provides a high level of ventilation and a good resistance to wind uplift. Suitable for roof pitches up to 55°. It has also been independently tested at the BRE to meet BS8612.

Dry Ridge Kit components

- 13 Flexible ridge unions
- 26 Ridge Clips
- 13 Clamps
- 13 Screws
- 1 Ventilated Ridge Roll 6m Black
- 10 Ridge Batten straps

Application

Test results from the BRE BS8612 indicate that the dry ridge kit is suitable for use within all wind zones in the United Kingdom. For specific location details please contact Ubbink UK.

Recommended tools

- Hammer
- Tape measure
- Battery powered screw driver
- Stanley Knife



Colours

- Black

Product Code

- 100022294350



Max. building height (M) for sites in towns, open country and ground slopes <5%

| BS8612 | Building height (M) | Distance to sea in country to rain | |
|-----------|---------------------|------------------------------------|-----|
| WIND ZONE | <2K | 2-20K | >20 |
| I | M 25 | M 25 | 25 |
| II | 25 | 25 | 25 |
| III | 15 | 15 | 25 |

.NB: Please consult a professional building design engineer in case of higher buildings, hilly sites and/or exceptional wind loads e.g. in North West Scotland (zone IV) for detailed evaluation and/or reinforcement instructions.

Maximum peak velocity pressure $q_p = 1800\text{Pa}$

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Specifications

Ridge Union

| | |
|-------------------------|---------------------------|
| Material Colour | PP, UV resistant Grey |
| Dimension Working width | 243 x 92 mm 10 mm +/- 1.5 |

Spacers

| | |
|----------|------------------|
| Material | PP, UV resistant |
| Colour | Grey |

Clamps

| | |
|-----------|------------------|
| Material | Stainless steel |
| Dimension | 1.4301 60 x 45 x |

Screws

| | |
|--------------------------|--|
| Material | Stainless steel A2 |
| Dimension | 2.8 x 25mm |
| Max. withdrawal capacity | 600 N (in combination with ridge batten 38 x 25) |

ARS nails

| | |
|----------|------------------|
| Material | Galvanised steel |
|----------|------------------|

Airtec Duoroll

| | |
|-------------|--|
| Edge colour | Black |
| Material | Woven PE middle section Enamelled aluminium metal edges with foil reinforcement and Butyl adhesive strips on the backside |
| Length | UV resistant |
| Width | 6 M |
| Temperature | 310 mm |

Ridge batten bracket

| | |
|----------------|-------------------------------------|
| Material | Galvanised steel |
| Internal width | 50 mm (for standard batten sizes 38 |

Wind resistance

| | |
|--------------------|--------------------------------|
| Max. wind pressure | 3.6 kPa (characteristic value) |
|--------------------|--------------------------------|

References:

BS 5250:2011 Code of practice for control of condensation in buildings
BS 5534:2014 Slating and tiling for pitched roofs and vertical cladding. Code of practice
BS EN 1991-1-4: 2005 + A1: 2010 Eurocode 1. Actions on structures. General actions. Wind actions.
NA to BS EN 1991-1-4: 2005 + A1: 2010 UK Annex to Eurocode 1. Actions on structures. General actions. Wind actions.