

## UDS CONNECTOR

Modern building requires simple and functional solutions – for example, butt joints: Lap strip joint connectors (UDS connectors) made of RHEINZINK can be used to ensure rainproof seam connections for coverings without any need for additional sealing. A special profile geometry guarantees protection from capillary penetration of rainwater. The open joint allows the cover profiles to move freely, so dispensing with the need for expansion elements.

**Rainproof connection for all coverings**

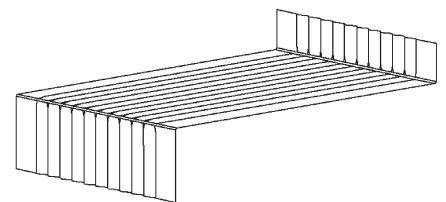
**No soldering required**

**No streaking**

**No additional sealing required**

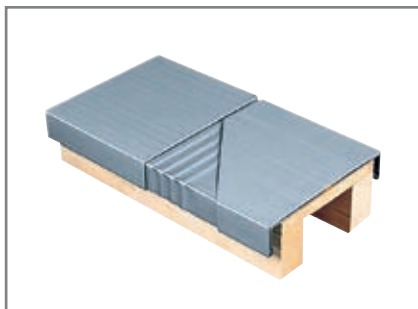
**Expansion accommodated**

**Fast installation**

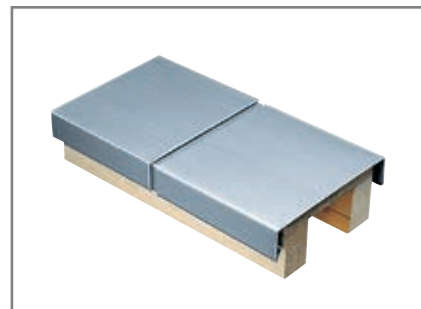




Section detail of cornice coping

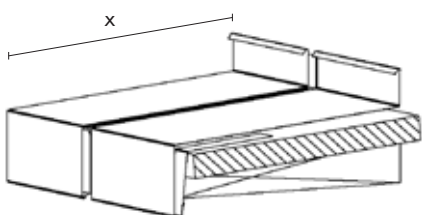
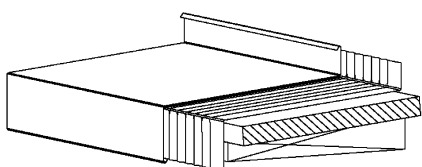
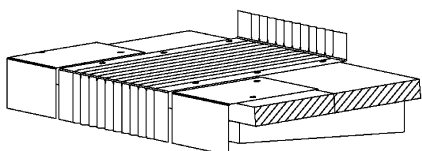


Section detail of wall coping



Detail of join for RHEINZINK wall coping

**Design of Butt Joint:**



**Applications**

RHEINZINK's corrugated UDS connector can be used on transverse slopes  $\geq 3^\circ$  with:

- wall copings
- window sill flashings
- cornice copings
- roof edge copings
- ridge flashings.

Where the cover profiles join, the continuous cleat is interrupted by the bent RHEINZINK UDS connector, which ensures that the connection is rainproof. The ends of the profile are installed with an open butt joint approx. 10 mm wide.

If an even higher degree of water tightness is required, the connection can be additionally sealed with ENKOLIT cold bitumen adhesive (cartridge) in the overlaps.

**Product Dimensions**

Metal thickness: 0.80 and 1.00 mm  
 Profile width: 250 mm and 333 mm  
 Standard length: 3.0 m (other lengths on request)

Surface qualities RHEINZINK-CLASSIC bright rolled as well as prePATINA blue-grey and prePATINA graphite-grey

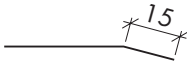
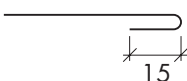
**Processing**

The profiled RHEINZINK strips can be cut, bent and curved using standard metal working machines und tools.

- Bending brakes and presses should be set to a metal thickness of 3 mm.

**Quality Standards**

Following comprehensive evaluation of its entire life cycle – extraction of raw material, processing, usage and recycling – RHEINZINK has been declared an environmentally friendly building product by the independent organisation Institute Construction and Environment e.V. according to ISO 14025, Type III. With certification to DIN EN ISO 9001:2008 and DIN EN ISO 14001: 2004 RHEINZINK products satisfy even the most stringent quality criteria.

Edge length x, mm	$\leq 400$	$> 400$ to $\leq 600$
Width of butt strap, mm	250	333
Design of abutting edges	Cranked edge  Single turnover 	Single turnover 