

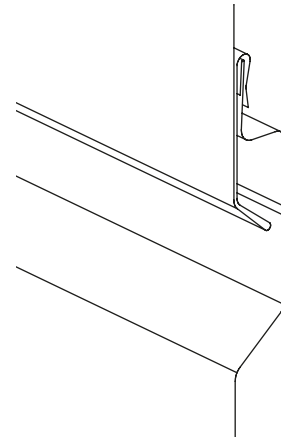


## SP-LINE

The innovative Facade System



*Fast assembly – Concealed fixing*



The RHEINZINK-SP-Line complements the proven RHEINZINK facade systems and is an affordable, high-end alternative to wood, stone and synthetic building materials. The complete system, which consists of a basic panel and pre-fabricated connection profiles, enables the craftsman to solve design details efficiently and economically. It can be integrated into the building envelope without seaming and its contemporary look combined with the aesthetics typical of RHEINZINK is striking.

The RHEINZINK-SP-Line is a complete system made of RHEINZINK-prePATINA blue-grey. It opens up diverse design options within the framework of facade structuring and can be installed both horizontally and vertically.

In so doing, panels are inserted one into the other, then fastened with self-drilling screws.

**Affordable alternative to wood, stone and synthetic building materials**

**Simple and quick installation**

**Durable and environmentally-friendly**

**Horizontal and vertical installation**

**Aesthetically pleasing, typical panel look**

**Made of RHEINZINK-prePATINA blue-grey**



## RHEINZINK-SP-LINE – VERSATILE DETAIL DESIGN



*Detail design of outside corner*



*Butt joint vertical installation*



*Plug-in profile for horizontal cladding  
on roof overhangs*



*Joint profile between horizontal and  
vertical cladding*



*Base profile with butt joint*



*Versatile design options*

### Technical Data:

#### Material

RHEINZINK-prePATINA  
blue-grey

#### Material Thickness

0,7 mm

#### Weight

7,20 kg/m<sup>2</sup>

#### Profile Length

3000 mm

#### Coverage area with basic panel

1,05 m<sup>2</sup>

#### Cover Width

350 mm

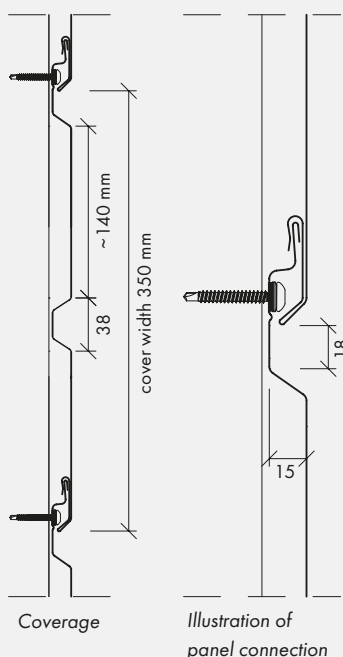
#### Fastener

EJOT SAPHIR stainless steel  
Self-drilling screw JT3-FR-2-4,9

#### Scope of Delivery

3 panels per carton,  
including fasteners

### System Profiles:



### System Installation – general Instructions

The RHEINZINK-SP-Line is a complete system made of RHEINZINK-prePATINA blue-grey. It opens up diverse design possibilities within the framework of facade structuring and can be installed both horizontally and vertically. In so doing, panels are inserted one into the other, then fastened with self-drilling screws. Versatile connection profiles allow the craftsman to achieve detail solutions efficiently and economically.

#### Substructure

A wooden batten substructure is best suited when installing the RHEINZINK-SP-Line on facades, dormers, fascias and gable walls. Two-part or multi-part aluminium (2 mm) or galvanised steel (1.5 mm) metal substructures are recommended as an alternative for cladding large surface areas and areas that extend beyond one storey.

### Efficient, waste-free Installation of standard Components

An exceptional feature of the RHEINZINK-SP-Line is the efficient, waste-free installation of the 3.0 m long basic panels. "Random" as well as "uniform joint designs" and "installation with joint profiles" can be achieved without difficulty using the latest RHEINZINK-Innovation.

#### Installation and Fastening

The basic panels are fastened with self-drilling screws that are fastened along a line marked with centre punches sitting above the reinforcing corrugation. Additional brackets or clips are not required. By "inserting" the next row of panels, the fasteners of the row beneath are concealed. Panel geometry ensures that the panels are inserted completely so that they cannot be leveraged out. Panel length is 3000 mm maximum to limit thermal expansion and contraction.

### Detail Designs

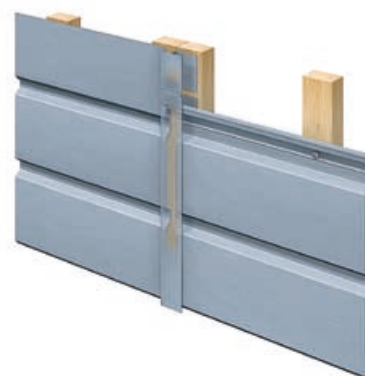
It is the details that characterize and sustain facade design. Special profiles are required for corners, reveals, as well as connections and terminations. The RHEINZINK-SP-Line consists of pre-fabricated, coordinated connection profiles that facilitate and secure detail design. This is achieved using the "insert and cover" principle.

### Connection principles

#### 1. Longitudinal Connection – vertical Joint Profiles

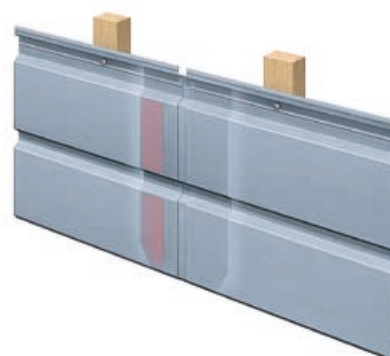
Facade cladding is designed as a multi-span system using overlapping vertical joint profiles. The ends of the panel are inserted laterally into the joint profile and thus concealed.

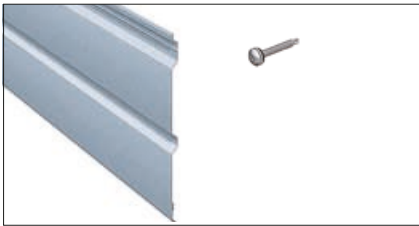
The use of vertical joint profiles reinforces the segmentation of the facade, facilitates efficient area installation and functions as a design component.



#### 2. Longitudinal Connection – Slave Profile

Alternatively, a longitudinal connection of the basic panels is created using a slave profile. The result: An aesthetically pleasing reserved joint design, which underscores the horizontal or vertical orientation of the panels.



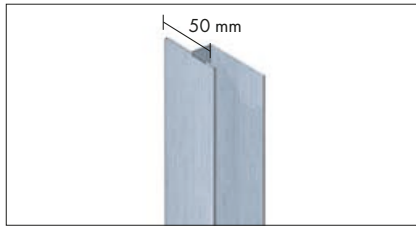


**Basic panel**

incl. fasteners and T25 bit Item No. 4136401

**Slave profile basic panel, hor.** Item No. 4136460

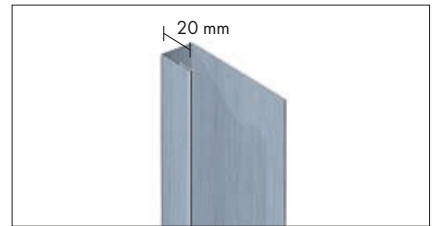
**Slave profile basic panel, vert.** Item No. 4136461



**Vertical joint profile**

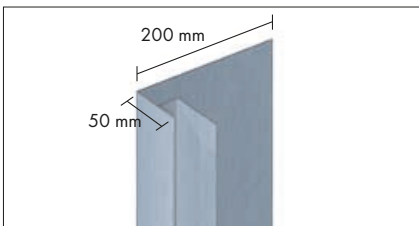
incl. butt strap

Item No. 4136446



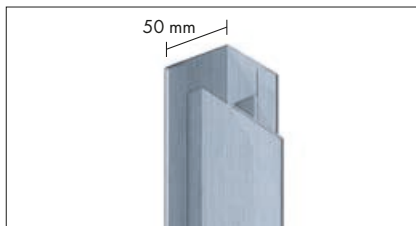
**Plug-in profile**

Item No. 4136415



**Jamb profile**

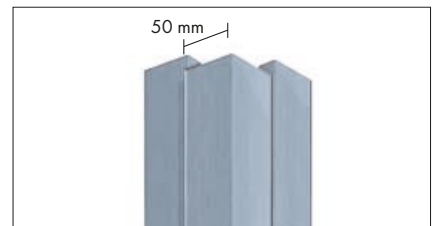
Item No. 4136456



**Outside corner profile**

incl. butt strap

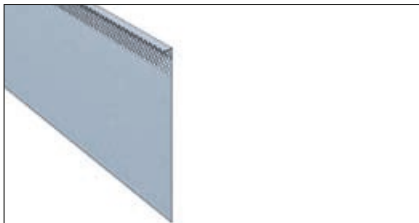
Item No. 4136441



**Inside corner profile**

incl. butt strap

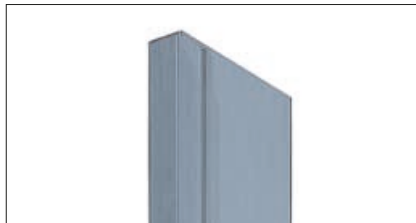
Item No. 4136451



**Termination profile,**

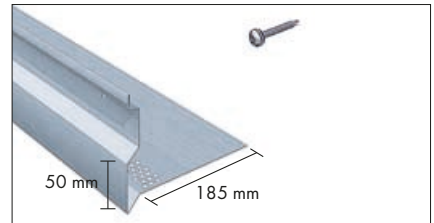
partially perforated

Item No. 4136417



**Receiver strip**

Item No. 4136418



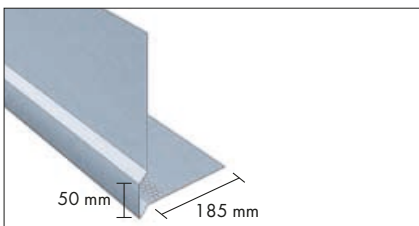
**Base profile, horizontal**

incl. fasteners and T25 bit

Item No. 4136411

**Butt strap base profile, hor.**

Item No. 4136463

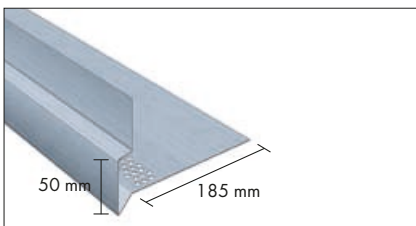


**Lintel profile, horizontal**

Item No. 4136420

**Butt strap, lintel profile, hor.**

Item No. 4136464

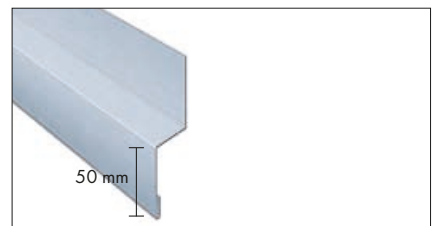


**Base/lintel profile, vertical**

Item No. 4136425

**Butt strap, base/lintel, vert.**

Item No. 4136462



**Cornice profile**

Item No. 4136416

**Butt strap, cornice profile**

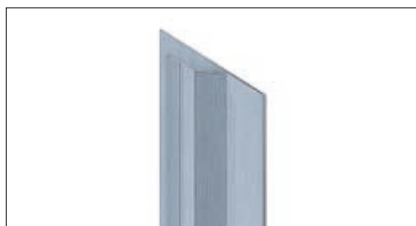
Item No. 4136465



**Gable starter profile**

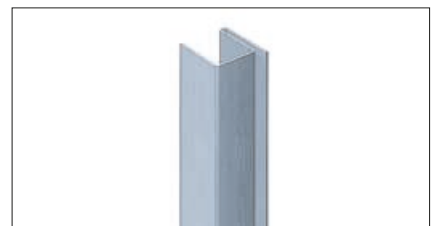
incl. fasteners and T25 bit

Item No. 4136406



**Starter profile, vertical**

Item No. 4136430



**End profile, vertical**

Item No. 4136435





### Convincing results

The before/after examples show how RHEINZINK-SP-LINE can improve the look of a building. Whether used as complete wall cladding, a solution for a gable or simply as a decorative detail.

RHEINZINK-SP-Line impresses with its economic efficiency and is the perfect alternative to wood, stone and artificial building materials. It is a high-quality product that is both durable and versatile.









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