

**INSTALLATION SUBFRAME  
FOR VENTILATION  
GRILLES**

## ER – VENTILATION GRILLE

### INSTALLATION SUBFRAMES, MADE OF GALVANISED SHEET STEEL, FOR THE FAST AND SIMPLE INSTALLATION OF VENTILATION GRILLES

Installation subframe for the simple and precise installation of ventilation grilles, can be mortared into the wall opening with fixing tabs

- Angle sections made of galvanised steel
- Preformed fixing tabs
- Individual frame sections with tongue joints

## Application

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### Application

- For the installation of ventilation grilles in walls and sills
- The installation subframe allows for the fast, simple and precise installation of ventilation grilles
- Required for the installation of single grilles and horizontal run sections with concealed screw fixing or spring clip fixing
- Installation subframes allow you to create an installation opening while the wall or ceiling is being created; you can then install the grille later and hence avoid it being damaged or contaminated during construction.

## Description

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### Parts and characteristics

- Installation subframe consisting of angle sections

### Materials and surfaces

- Installation subframes, made of formed galvanised sheet steel, with fixing tabs

### Maintenance

- Maintenance-free as construction and materials are not subject to wear
- Inspection and cleaning to VDI 6022

## TECHNICAL INFORMATION

- Any accessories are defined with the order code of the ventilation grille.
- The subframe can be ordered separately.

## ER – A1 / 525x225



### 1 Type

**ER** Installation subframe for ventilation grilles

### 2 Variant

**A1** 12.5 mm wide front border, for ASL, AT, VAT, AH, AWT, TR, TRS, TRS-K, AGS  
**B1** 5 mm wide front border, for X-GRILLE Cover, X-GRILLE Basic, AT, VAT, AH  
**M1** 12.5 mm wide (longitudinal section) and 5 mm wide (transverse section) front border, for SL

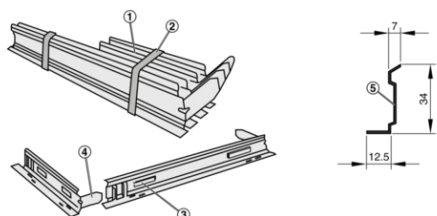
### 3 Nominal size [mm]

L x H

... / **A1** / ...

Type of ventilation grille	Colour-coded tape for installation subframes		
	ER 12.5	ER 5	ER 12.5/5
Type of ventilation grille	Transparent	Brown	Red
<b>Installation into walls, sills or rectangular ducts</b>			
<b>X-GRILLE Cover</b>	-	B1	-
<b>X-GRILLE Basic</b>	-	B1	-
<b>ASL</b>	A1	-	-
<b>AT</b>	A1	B1	-
<b>VAT</b>	A1	B1	-
<b>AH</b>	A1	B1	-
<b>AWT</b>	A1	-	-
<b>SL</b>	-	-	M1
<b>TR</b>	A1	-	-
<b>TRS</b>	A1	-	-
<b>TRSK</b>	A1	-	-
<b>Door installation</b>			
<b>AGS</b>	A1	-	-

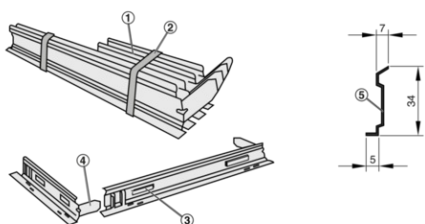
#### Installation subframe ER 12.5 for ventilation grilles and WGK external weather louvres



- ① Frame sections
- ② Colour-coded tape
- ③ Fixing tab
- ④ Tongue joint
- ⑤ Frame profile

Note: transparent tape

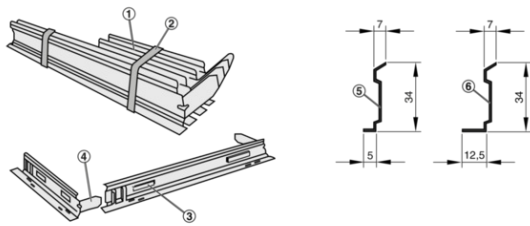
#### Installation subframe ER 5 for ventilation grilles



- ① Frame sections
- ② Colour-coded tape
- ③ Fixing tab
- ④ Tongue joint
- ⑤ Frame profile

Note: brown tape

#### Installation subframe ER 12.5/5 for ventilation grilles



- ① Frame sections
- ② Colour-coded tape
- ③ Fixing tab
- ④ Tongue joint
- ⑤ Profile of transverse section
- ⑥ Profile of longitudinal section

Note: red tape

The weight table shows the available nominal sizes

## Installation details



### Installation and commissioning

Before mortaring in the installation subframe

- Bend the preformed fixing tabs

After mortaring in the installation subframe

- Position the ventilation grille in the installation subframe and fasten it

### Installation information

- Installation and making connections to be performed by others

Single grille

- The installation subframe consists of four sections
- Push the sections together
- For wall installation: Spread the fixing tabs, then mortar them in
- Fixing holes are provided for fixing the frame with screws and rivets to different structures

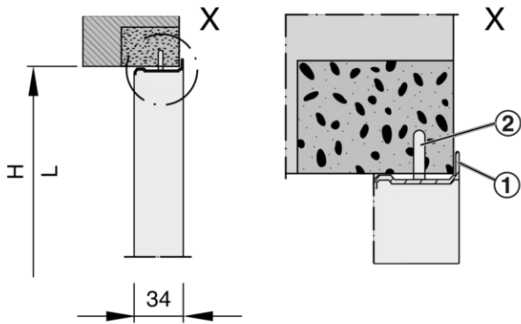
Horizontal run sections

- Connect multi-section installation subframes

- Screw-fix the grille end sections and grille middle sections together for continuous horizontal runs

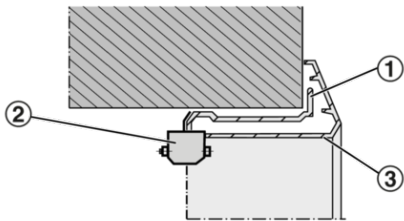
These are only schematic diagrams to illustrate installation details.

### Installation dimensions of installation subframe ER for ventilation grilles



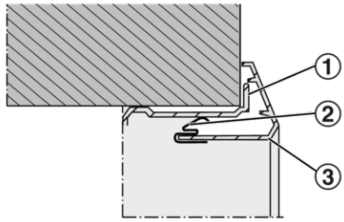
- ① Installation subframe
- ② Fixing tab

### Ventilation grille with concealed screw fixing



- ① Installation subframe
- ② Concealed screw fixing
- ③ Ventilation grille

### Ventilation grille with spring clip fixing



- ① Installation subframe
- ② Spring clip
- ③ Ventilation grille