

blaugelb Steel Plates

For the load transfer of window elements in the area of bearing thermal insulation elements.

- **Three standard versions for a cantilever/air gap**
max. 90 mm, 140 mm, 180 mm or eccentric load axis up to max. 50 mm, 100 mm, 140 mm
- **Adopts the function of a rigid wall anchor**
(as described in LzM 2020-03 on page 144/145)
- **Easy and fast handling**
(only one hole necessary in the anchor base)
- **Easy introduction of load above the insulation layer**

Product features:

blaugelb Steel Plates are specially designed for the load transfer of window elements in the area of bearing thermal insulation elements (e.g. Isokorb®) that help to minimise thermal bridges to projecting components.

The blaugelb Steel Plate is the ideal solution to ensure compliant and professional installation on anchor bases that do not offer enough space for the installation of pre-wall installation systems.

If faced masonry is already present and a pre-wall installation system can therefore not be installed in the conventional manner, we recommend using blaugelb Steel Plates for the vertical load introduction.

They are secured using a fischer bolt anchor FBZ:

blaugelb article designation	fischer fixing set
Steel Plate 175x80x10 mm	FBZ 10/20 item no. 9035321, drill Ø 10 mm
Steel Plate 250x80x12 mm	FBZ 12/20 item no. 9035323, drill Ø 12 mm
Steel Plate 310x100x14 mm	FBZ 12/20 item no. 9035323, drill Ø 12 mm

Product benefits:

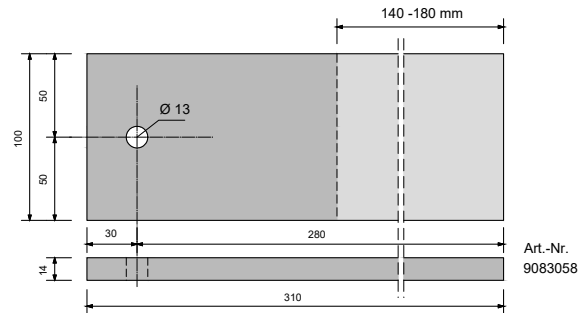
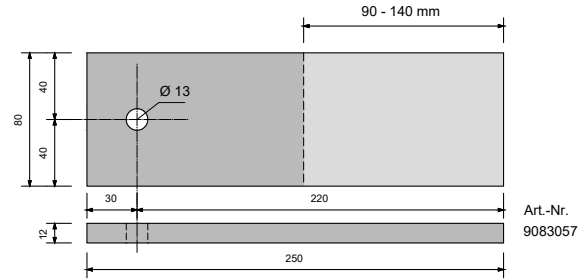
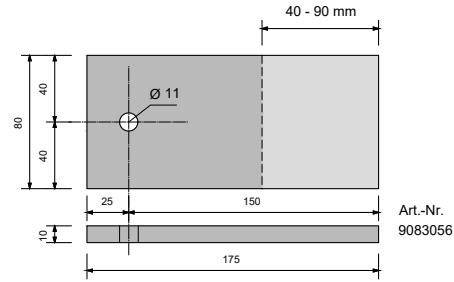
- Three standard versions for a cantilever/air gap max. 90 mm, 140 mm, 180 mm or eccentric load axis up to max. 50 mm, 100 mm, 140 mm
- Adopts the function of a rigid wall anchor (as described in LzM 2020-03 on page 144/145)
- Easy and fast handling (only one hole necessary in the anchor base)
- Easy introduction of load above the insulation layer
- Suitable for all standard uses above the insulation layer
- To be used in front of the bearing wall (insulation layer)
- No special production
- Protected against corrosion (galvanised)

Tested characteristics:

- Point load based on proportional dead load of the window structure, rated resistance for all 3 versions of the blaugelb Steel Plates of $F_{VRd} = 2.23 \text{ kN}$

Technical data:

Material:	Steel S235JR
Surface:	Galvanised
Material thickness:	10 / 12 / 14 mm
Dimensions:	175x80x10 / 250x80x12 / 310x100x14 mm
Packing unit:	1 piece



Product name	PU	Item no.
blaugelb Steel Plate 175x80x10 mm	1 piece	9083056
blaugelb Steel Plate 250x80x12 mm	1 piece	9083057
blaugelb Steel Plate 310x100x14 mm	1 piece	9083058

Mounting instructions:

The position of the blaugelb Steel Plate is always to be selected so that it is located directly under the load axis – such as window frame, mullion, or with fixed glazing the position at which a glazing block is located.