

Upon request, we can provide you at no cost with a tailored tender specification text.

Specification text

Europilz®: Delivered at place excluding unloading

Europilz as punching shear reinforcement according to the DIBt technical approval Z-15.1-234, consisting of a laying shearhead with main and edge beams, delivered at place without unloading. The unit price includes the design verifications of the shear head and the punching shear in the slab as well as the construction drawings. If punching shear or shear reinforcement (i.e., stud rails) is required in addition, it shall be verified by the Europilz® provider and be included in the unit price to achieve a complete solution.

Shear head denomination:	(any desired denomination, i.e., design position)
Shear head location: <i>(please choose)</i>	floor slab / foundation slab
Column location: <i>(please choose)</i>	interior / edge / corner
Column type: <i>(please choose)</i>	Reinforced concrete / Geilinger Column® / Composite
Welded with Geilinger Column® or Composite Column	yes / no
Column section dimensions:	a/b or Ø = mm
Slab thickness:	h = cm
Effective depth of slab:	d = cm
Concrete grade of slab:	C
Total area load on slab:	$p_{Ed} = \dots\dots\dots \text{ kN / m}^2$
Punching shear load:	max. $V_{Ed} = \dots\dots\dots \text{ kN}$
Load increasing factor:	$\beta = \dots\dots\dots$ (to consider additionally)
Avg. Reinforcement level:	$\rho_l = \dots\dots\dots \%$ (from punching shear)
Fire resistance requirement: <i>(please choose)</i>	R90 / R120 / ...
Corrosion protection:	cast-in elements raw
Slab openings in	
Punching shear area: <i>(please choose)</i>	none / yes, see tender drawing

Additional parameters for edge and corner shear heads (if known):

Distance to slab edge:

In edge columns:	$r_x = \dots\dots\dots \text{ cm}$	
In corner columns:	$r_x = \dots\dots\dots \text{ cm};$	$r_y = \dots\dots\dots \text{ cm}$

Europilz® will be dimensioned, fabricated, and delivered by:

spannverbund Ltd
International House
24 Holborn Viaduct
London EC1A 2BN
United Kingdom
Telephone +44 7549 896678
info.uk@spannverbund.com

Delivery at place without unloading

..... Units Unit price: £ Total price: £

Europilz®: Assembly

There are two possibilities:

Europilz® welded with Geilinger Column® or Composite Column

The additional assembly cost due to the welded shear head shall be included in the unit price of the column assembly.

or

Europilz® loose

Assembly including unloading, measuring, and fixing.

..... Units Unit price: £ Total price: £

Assembly of the stud rails:

The assembly of the stud rails shall be performed by the concrete contractor.