

# GePi-CONNECT

The sound protection angle bracket with power



Post bases

Connectors

Balcony/fence posts

Tools

Fasteners

Sound protection



DIN EN 1090-2



Innovative wood connection systems  
for highest requirements.

# The sound protection angle bracket with power

The **GePi angle** developed in the course of the cooperation with *Getzner Werkstoffe* has a load-bearing capacity many times higher than comparable concepts on the market. Based on test results from the TVFA-Innsbruck, characteristic shear and tensile forces of up to 62 kN are confirmed for the GePi 240 angle. An additional advantage of this system is the energy dissipation without any breakage in the event of an earthquake. Cyclic stresses impressively confirm the performance under dynamic loads of the revolutionary GePi angle.



81000.0080



81000.0100



81000.0240



81000.3100

For concrete connection

## GePi-Connect

Item no.	Designation	Dimensions				Screwing 8 mm			Characteristic load-bearing capacity [kN]		
		A	B	H	s	Horizontal (TK 8 x 80 TG)	Vertical (SK 8 x 160 VG)	F <sub>1,k</sub>	F <sub>2/3,k</sub>	F <sub>4/5,k</sub>	
81000.0080	GePi 80	80 mm	80 mm	80 mm	3	3	2	8	5	5	
81000.0100	GePi 100	100 mm	100 mm	100 mm	3	5	4	16	12	20	
81000.0240	GePi 240	100 mm	240 mm	100 mm	3	16	11	54	62	55	
81000.3100	GePi 100 Concrete	100 mm	100 mm	100 mm	3	5	4	10	5,5	10	

Item no.	Designation	Material		
		Angle bracket	Sylodyn®	Supporting plate
81000.0080	GePi 80	Steel S250GD + Z275	Closed cellular pore structure	Steel S250GD + Z275
81000.0100	GePi 100	Steel S250GD + Z275	Closed cellular pore structure	Steel S235
81000.0240	GePi 240	Steel S250GD + Z275	Closed cellular pore structure	Aluminium EN AW 6082
81000.3100	GePi 100 Concrete	Steel S250GD + Z275	Closed cellular pore structure	Steel S235

In contrast to other common building materials, elastomers have a non-linear material behaviour. This means that material parameters such as static and dynamic stiffness depend on the respective pressure. In order to use the material Sylodyn® ideally, it is therefore recommended to use an installation template with a defined pretension.

## Application areas

Angle brackets for shear loads with decoupled flanks

- Connection timber-timber
- High wind forces
- Earthquake loads
- Lifting forces
- Increased requirements on sound insulation





## Advantages and benefits

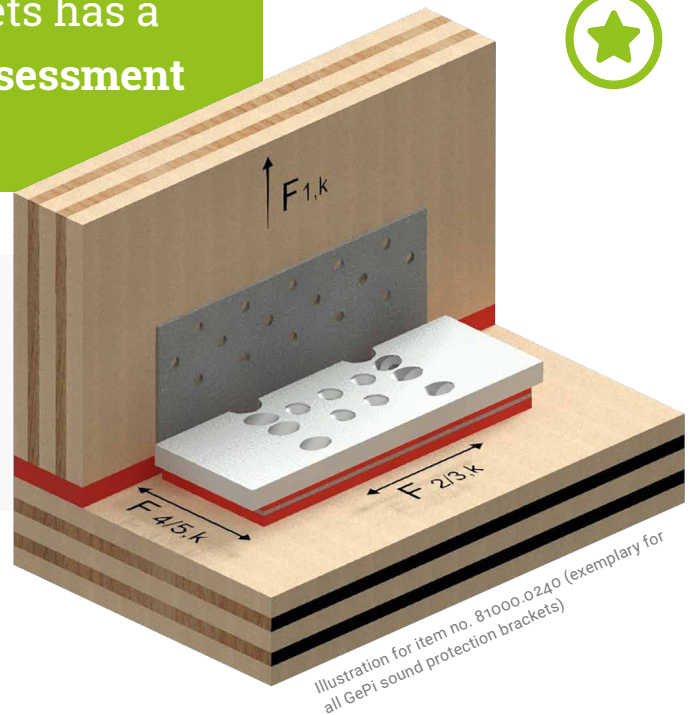
- High shear and tensile strength
- Sound transmission decoupled connection
- Proofed sound insulation
- Resistant to earthquakes (GePi 240)
- Reliability for engineers and users
- Approved product quality



Each of our GePi brackets has a  
**European Technical Assessment**  
(ETA-21/0750)



Characteristic load-bearing  
capacity up to **62 kN**  
acc. to EN 1995:2014



## Accessories

Fitting tool

Item no.	Description
81010.0000	Fitting tool, 2-parts for GePi angle bracket



81010.0000



99200.0880



99211.0816

Screws

Item no.	Description	d	l	lg	dk	Drive train
99200.0880	Washer-head screw	8	80	60	18,0	T-40
99211.0816	Countersunk screw	8	160	150	14,8	T-40

# Fast, easy and precise for the **best result**

All information, technical data, downloads and videos:  
Always up to date for you on [www.pitzl-connectors.com](http://www.pitzl-connectors.com).

Feel free to seek our competent advice at any time by  
calling **+49 (0) 8703 9346-0** or simply send us an e-mail  
to [info@pitzl-connectors.com](mailto:info@pitzl-connectors.com).

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