BUILDING
COMMON GROUND

MAX FRANK®

Product List

valid as of February 01, 2025

Edition Germany

www.maxfrank.com

BUILDING
COMMON GROUND

MAX FRANK®

Spacers

Formwork technologies

Reinforcement technologies

Sealing technologies

Building acoustics

BUILDING
COMMON GROUND

MAX FRANK®

OUR BUSINESS MODEL

We accompany our customers reliably through every building phase with a technically sophisticated and intensive intermeshing of industrial production, high-quality products and multifaceted services.

HOW WE WORK

We listen attentively and ask the right questions – questions that penetrate to the core of the task. We at MAX FRANK call that:
“BUILDING COMMON GROUND”.

OUR STRENGTH

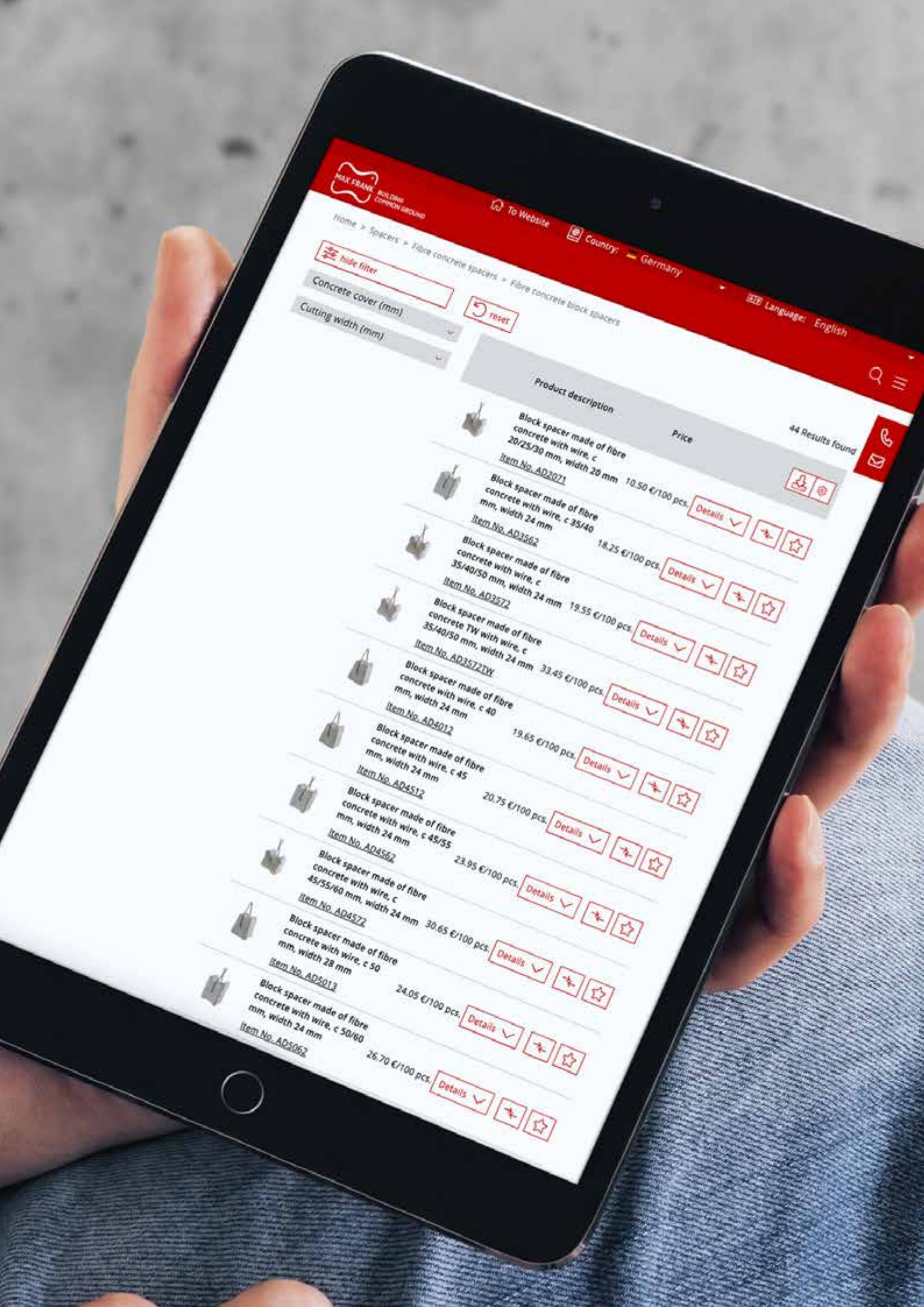
A wide range of products, high-quality product combinations, project solutions, intermeshing of planning, production and sales

THE ADVANTAGES

Saving of costs and time, solution from a single source

THE COMMON APPROACH

Sustainable and safe reinforced concrete structures


MAX FRANK
To Website
Country: Germany
Language: English
Home > Spacers > Fibre concrete spacers > Fibre concrete block spacers
hide filter
Concrete cover (mm)
Cutting width (mm)
reset
44 Results found
Product description
Price
Block spacer made of fibre concrete with wire, c 20/25/30 mm, width 20 mm
Item No. AD2071
10.50 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 35/40 mm, width 24 mm
Item No. AD3562
18.25 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 35/40/50 mm, width 24 mm
Item No. AD3572
19.55 €/100 pcs.
Details
Block spacer made of fibre concrete TW with wire, c 35/40/50 mm, width 24 mm
Item No. AD3572TW
33.45 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 40 mm, width 24 mm
Item No. AD4012
19.65 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 45 mm, width 24 mm
Item No. AD4512
20.75 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 45/55 mm, width 24 mm
Item No. AD4562
23.95 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 45/55/60 mm, width 24 mm
Item No. AD4572
30.65 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 50 mm, width 28 mm
Item No. AD5013
24.05 €/100 pcs.
Details
Block spacer made of fibre concrete with wire, c 50/60 mm, width 24 mm
Item No. AD5062
26.70 €/100 pcs.
Details

BUILDING
COMMON GROUND

MAX FRANK®

MAX FRANK BUILDINGS

The popular tool is integrated in the website and linked with extensive product information. The virtual landscape provides you with the optimal products for the following types of structure: railway station, bridge, office building, high-rise building, industrial building, sewage plant, museum, drinking water tank, tunnel, hydroelectric power station and residential building.

PRODUCT FINDER

Simply filter by the application areas and product properties relevant for you and you will find the ideal product for your requirements.

Joint Designer

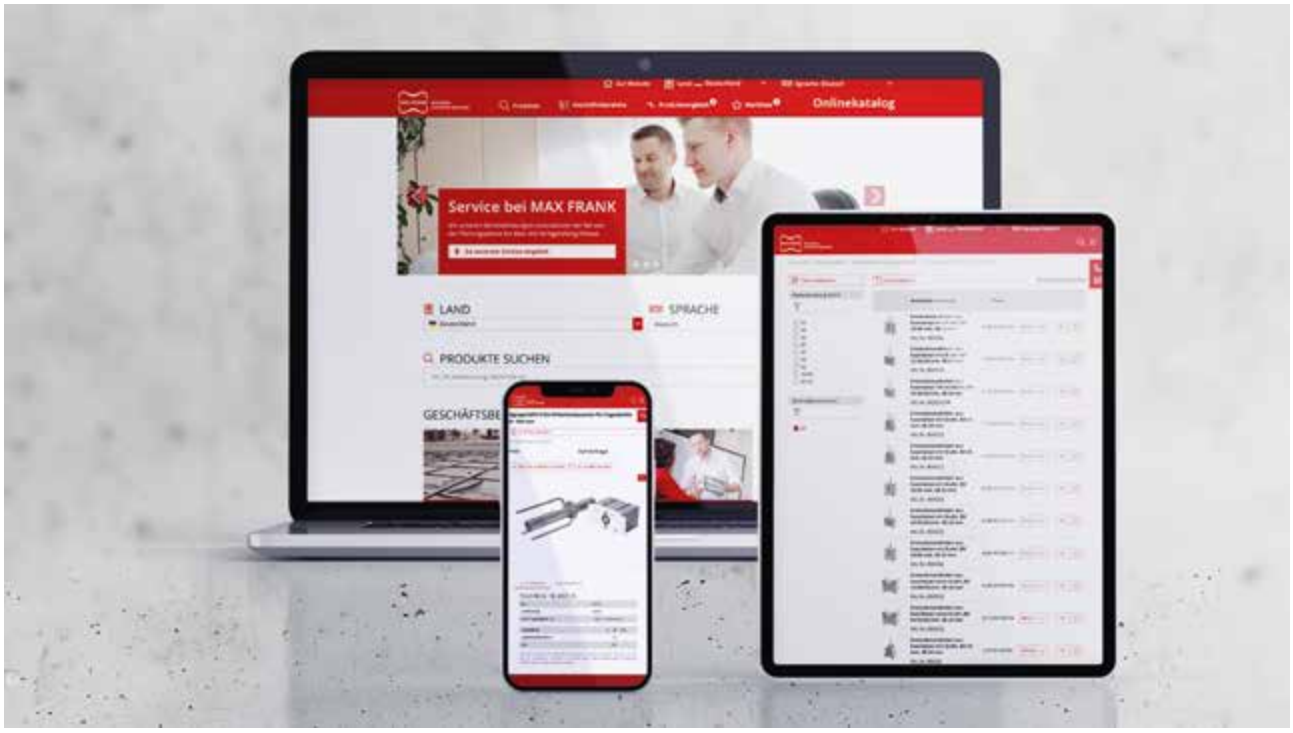
The joint designer shows the range of connection joints in concrete structures according to the classification of construction joints, crack control joints, expansion joints, structural acoustic joints and settlement joints.

ALWAYS UP TO DATE

Never miss out! We keep you updated about new products, the latest software and special solutions.
Simply sign up for our newsletter free of charge and without obligation and follow us on LinkedIn and YouTube!

ONLINE CATALOGUE

You can find current product and price information in our online catalogue.
Also use functions such as the product comparison, the watch list or the PDF download of article information.



Online catalogue

Search, find and compare MAX FRANK products.
This can be done easily via the online catalogue.

In the online catalogue you will find a variety of product information, such as article numbers, pictures, descriptions, technical and logistics data and current prices.

Practical features:

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With search and filter options you can quickly find the desired items.

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Service at MAX FRANK is multifaceted and therefore very personal.

With our services, we support you from the planning phase to beyond completion and create individual, holistic and economical project solutions together with you.

Our customer service team will be happy to advise you:

+49 9427 189-320

customer.service@maxfrank.com

Notes regarding the Product List

We always deliver on the basis of our general terms and conditions of sale and in the defined packaging units (PU). Information can be found with the respective product. Different delivery quantities are possible on request and by agreement. We charge a minimum quantity surcharge for these partial quantities.

MAX FRANK®
BUILDING
COMMON GROUND

Building acoustics

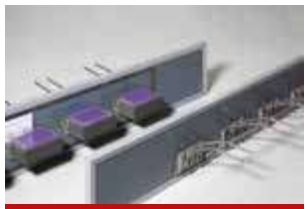
Building acoustics

The MAX FRANK building acoustics line makes products available to planners that meet the heightened requirements of building acoustics, e.g. such as impact sound insulation in the staircase.

Sorp 10® room-acoustic sound absorber 146

Egcopal impact sound insulated shear force dowel 148

Egcosono stair landing bearing 152



Egcostep® stair flight decoupling 155

Egcoscal stair beddings 157

Egcodist wall and floor bearings 161

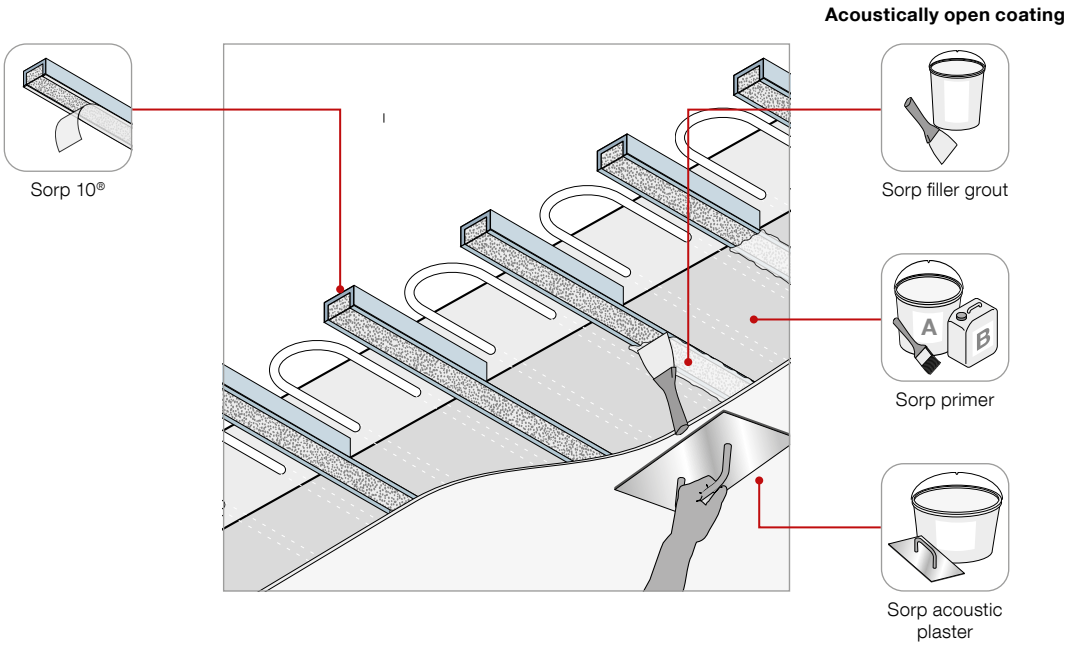
Egcovoid® void former 163

Sorp 10® room-acoustic sound absorber

The requirements regarding sustainable buildings and rising energy costs are increasingly leading to the use of partially core activated building components. These must not be covered with absorbent materials or concealed with suspended ceiling systems. The Sorp 10® sound absorber combines room acoustics and core part activation into one function. Reverberation time can be reduced with a stripe arrangement of Sorp 10® in the bare ceiling. At the same time the influence on the thermal efficiency of the activated ceiling is minimized. With Sorp 10® room acoustics can be specifically included in the project planning and realised already in the shell construction phase.

Advantages

- Room acoustics for thermally activated structural components
- Diversity of optical design option: open or filled
- Installation already in the shell
- Acoustics immediately effective after stripping
- Very high sound absorption coefficient with low surface coverage
- Recyclable, non-flammable
- No loss of usable room height



Sorp 10® room-acoustic sound absorber

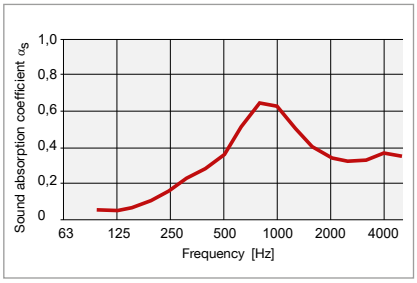
WG: 300

Acoustic strip absorber as spacer for thermally activated structural elements.

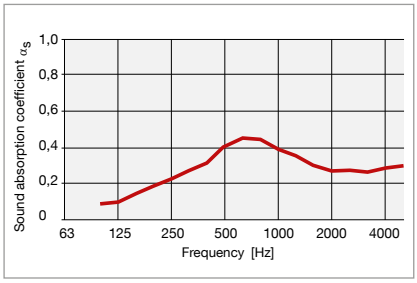
	Item No.	Length mm	Width mm	Height mm	Weight kg/pce
	AKUSORP3512002	1200	70	35	3.180

Frequency-dependent sound absorption coefficients α_s:

Extract from the test report P-BA 46/2011 (Sorp 10® without coating) and test report P-BA 98/2014 (Sorp 10® with coating system) by the Fraunhofer Institute of Building Physics IBP, Stuttgart.



Sorp 10® sound absorption curve without Sorp acoustic plaster



Sorp 10® sound absorption curve with Sorp acoustic plaster

Sorp coating system

WG: 300

	Description	Item No.	Weight kg/pce
	Sorp filler grout, sonically transparent grouting material	SORPFS01	8.000
	Sorp primer, components A and B in ratio 2:1	SORPGR	15.000
	Sorp acoustic plaster, open-pored material for manufacturing a full-surface filling	SORPSP02	15.000

The Sorp 10® sound absorber was tested in the system in combination with Sorp filler grout, Sorp primer and Sorp acoustic plaster. Test reports provide information on the sound absorption performance of the overall system.

Projects

Swiss Museum of Transport
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Bauhaus World Heritage Bernau
© MAX FRANK Group

Unna educational campus
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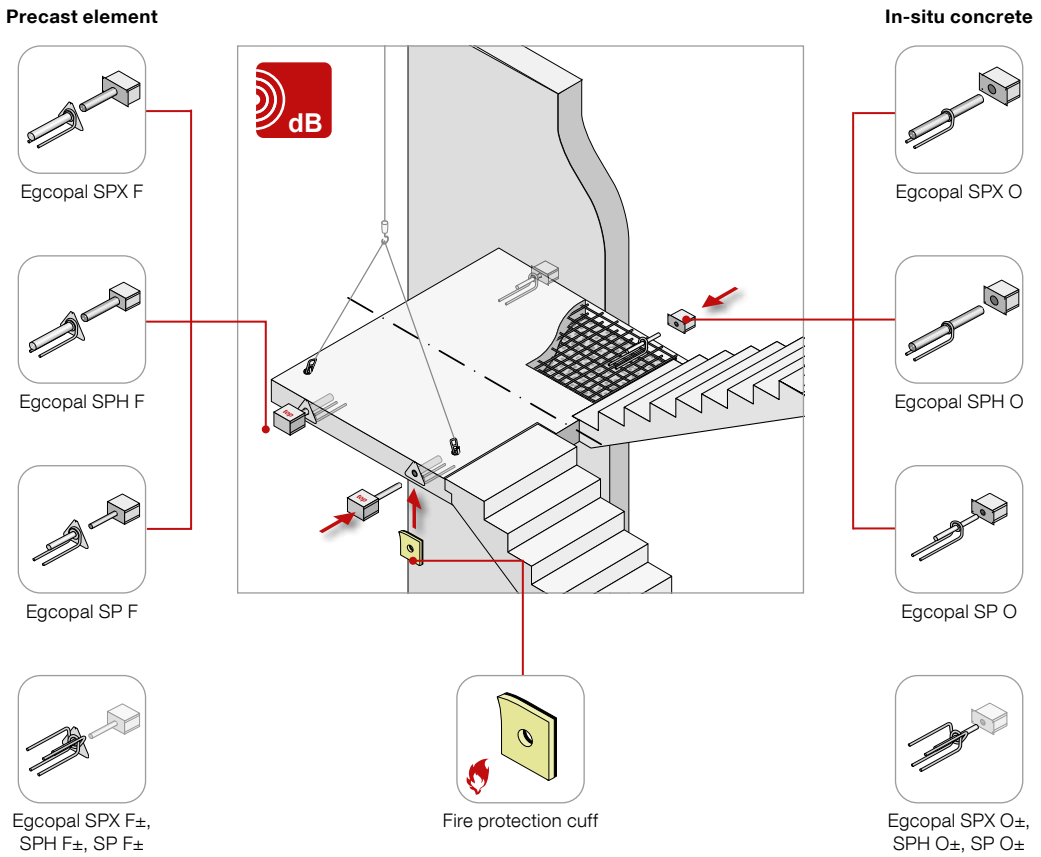
Egcopal impact sound insulated shear force dowel

The requirements for sound insulation in buildings have been increasing for years. To meet the requirements, impact sound insulation of stairs and stair landings must be certified. The impact noise insulated Egcopal shear force connector reduces impact sound by decoupling components. It is used for the bedding of stair landings, arcades and cantilever balconies and transmits the shear forces acting in the connection joint. At the same time, the acoustically decoupled bedding ensures that the transmission of disturbing noises into adjacent rooms is insulated – this increases the comfort and well-being of the residents.

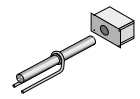
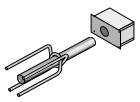
Advantages

- National technical approval for Egcopal SP, Egcopal SPH, Egcopal SPX
- Impact sound properties tested in an accredited test laboratory according to DIN 7396
- Impact sound level difference of stair landing $\Delta L^*_{w,\ stair\ landing}$ up to 35 dB
- Fire protection rating F120
- Stainless steel version
- No restrictions of the exposure class acc. to EC2



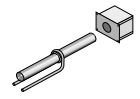
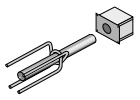
Egcopal SPX impact sound insulated shear force dowel for in-situ concrete

WG: 279

	Description	Item No.	Type	Direction of load	Joint width mm	Product load-bearing capacity $V_{Rd,s}$ kN/element	Weight kg/pce
	For extra high loads with vertical load application from above	ESPOXL040	SPX O	▼	0 - 40	75.6 - 70.4	9.380
		ESPOXL3070			30 - 70	72.4 - 65.0	9.880
		ESPOXL60100			60 - 100	66.7 - 60.4	10.380
	For extra high loads with vertical load application from above and below	ESPOXLPM040	SPX O±	▲ ▼	0 - 40	75.6 - 70.4	10.730
		ESPOXLPM3070			30 - 70	72.4 - 65.0	11.280
		ES-POXLPM60100			60 - 100	66.7 - 60.4	11.780

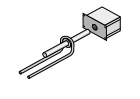
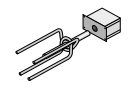
Egcopal SPH impact sound insulated shear force dowel for in-situ concrete

WG: 279

	Description	Item No.	Type	Direction of load	Joint width mm	Product load-bearing capacity $V_{Rd,s}$ kN/element	Weight kg/pce
	For high loads with vertical load impact from above	ESPOHL4160	SPH O	▼	41 - 60	37.3	10.550
		ESPOHL6180			61 - 80	37.3	10.550
		ESPOHL81100			81 - 100	37.3	10.550
	For high loads with vertical loads from above and below	ESPOHLPM4160	SPH O±	▲ ▼	41 - 60	37.3	11.310
		ESPOHLPM6180			61 - 80	37.3	11.310
		ES-POHLPM81100			81 - 100	37.3	11.310

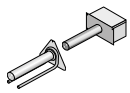
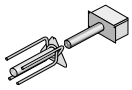
Egcopal SP impact sound insulated shear force dowel for in-situ concrete

WG: 279

	Description	Item No.	Type	Direction of load	Joint width mm	Product load-bearing capacity $V_{Rd,s}$ kN/element	Weight kg/pce
	for normal loads with vertical load application from above	ESPO020	SP O	▼	0 - 20	37.3	4.930
		ESPO2140			21 - 40	37.3 - 34.7	4.930
		ESPO4160			41 - 60	34.7 - 27.7	4.930
		ESPO6180			61 - 80	27.7 - 23.1	4.930
		ESPO81100			81 - 100	23.1 - 19.8	4.930
	for normal loads with vertical load application from above and below	ESPOPM020	SP O±	▲ ▼	0 - 20	37.3	5.690
		ESPOPM2140			21 - 40	37.3 - 34.7	5.690
		ESPOPM4160			41 - 60	34.7 - 27.7	5.690
		ESPOPM6180			61 - 80	27.7 - 23.1	5.690
		ESPOPM81100			81 - 100	23.1 - 19.8	5.690

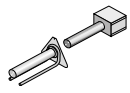
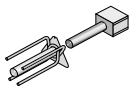
Egcopal SPX impact sound insulated shear force dowel for precast element

WG: 279

	Description	Item No.	Type	Direction of load	Joint width mm	Product load-bearing capacity $V_{Rd,s}$ kN/element	Weight kg/pce
	For extra high loads with vertical load application from above	ESPFXL040	SPX F	▼	0 - 40	75.6 - 70.4	9.002
		ESPFXL3070			30 - 70	72.4 - 65.0	9.502
		ESPFXL60100			60 - 100	66.7 - 60.4	10.003
	For extra high loads with vertical load application from above and below	ESPFXLPM040	SPX F±	▲ ▼	0 - 40	75.6 - 70.4	11.046
		ESPFXLPM3070			30 - 70	72.4 - 65.0	11.546
		ESP-FXLPM60100			60 - 100	66.7 - 60.4	12.046

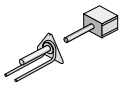
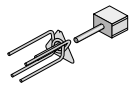
Egcopal SPH impact sound insulated shear force dowel for precast element

WG: 279

	Description	Item No.	Type	Direction of load	Joint width mm	Product load-bearing capacity $V_{Rd,s}$ kN/element	Weight kg/pce
	For high loads with vertical load impact from above	ESPFHL41100	SPH F	▼	41 - 100	37.3	9.827
	For high loads with vertical loads from above and below	ESPF-HLPM41100	SPH F±	▲ ▼	41 - 100	37.3	11.242

Egcopal SP impact sound insulated shear force dowel for precast element

WG: 279

	Description	Item No.	Type	Direction of load	Joint width mm	Product load-bearing capacity $V_{Rd,s}$ kN/element	Weight kg/pce
	for normal loads with vertical load application from above	ESPF040	SP F	▼	0 - 40	37.3 - 34.7	4.724
		ESPF41100	SP F		41 - 100	34.7 - 27.7	4.724
	for normal loads with vertical load application from above and below	ESPFPM040	SP F±	▲	0 - 40	37.3 - 34.7	5.849
		ESPFPM41100	SP F±	▼	41 - 100	34.7 - 27.7	5.849

Fire protection cuff

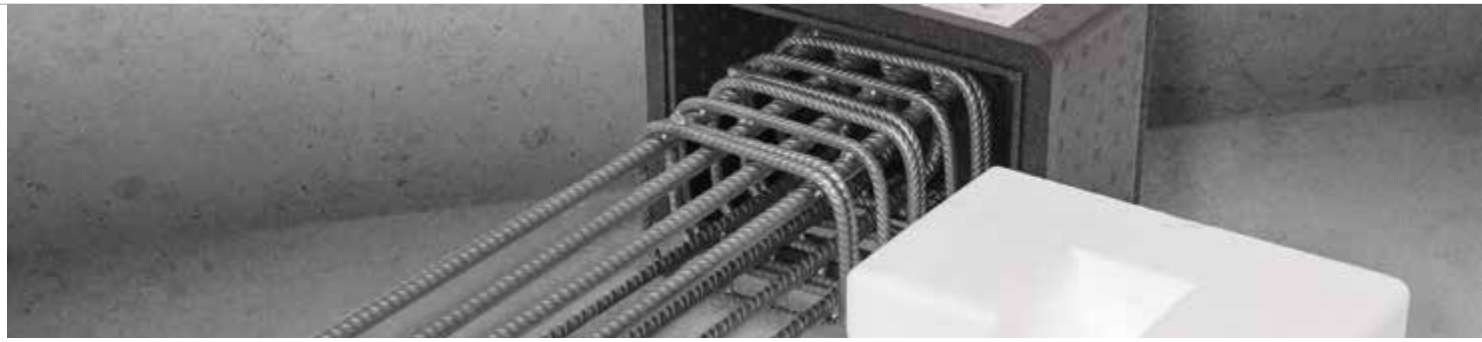
WG: 119

	Description	Item No.	Joint width mm
	Fire protection collar F120/R120 for Egcopal Ø 52 mm	EDBRAND20E-PALSPH	20
	Fire protection collar F120/R120 for Egcopal Ø 32 mm	EDBRAND20E-PAL	20

Ordering code

Example: ESPFXLPM3070

Article	Product generation	Application area	Load level	Load direction	Max. joint width
E Egcopal	**SP**	O In-situ concrete construction	– for normal loads	– with vertical load application from above ▼	0 - 40 mm
			HL for high loads		**30 - 70 mm**
		F Precast construction	**XL** for extra high loads	**PM** PlusMinus for vertical loads from above and below ▲▼	60 - 100 mm

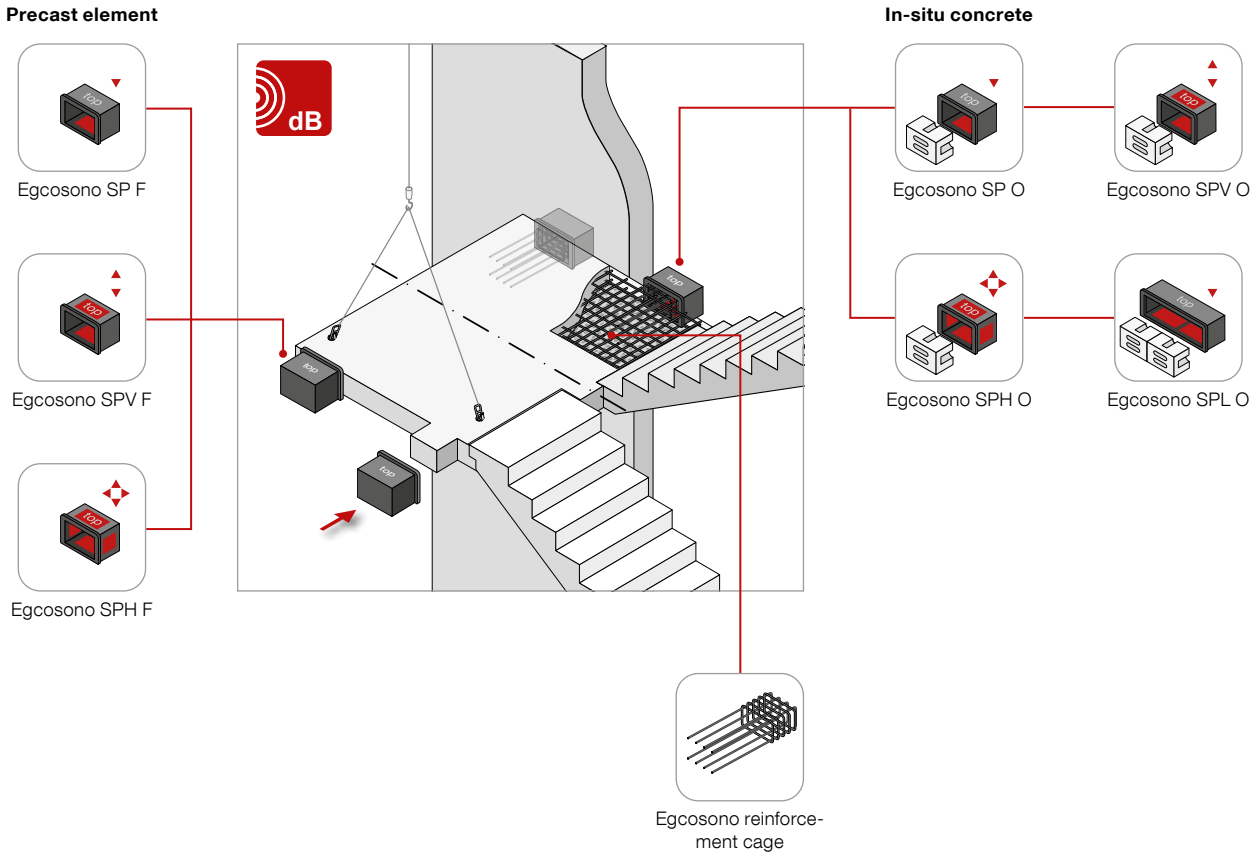


Egcosono stair landing bearing

The requirements for sound insulation in buildings are regulated in country-specific sound insulation standards. The Egcosono landing support effectively reduces unwanted impact sound transmission in the stairwell by acoustically decoupling the landing, supporting it and consistently separating it from other building components.

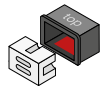
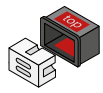
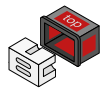
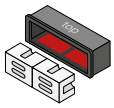
Advantages

- Impact sound properties tested in an accredited test laboratory according to DIN 7396
- Type testing on the basis of EC2
- For in-situ concrete/precast landings
- Load-bearing capacity V_{Rd} = 87.4 kN
- Fire resistance rating R90



Egcosono stair landing bearing for in-situ concrete stair landings

WG: 280

	Description	Item No.	Type	Height mm	Width mm	Depth mm	Packaging unit Pcs	Weight kg/pce
	In-situ concrete construction with fixing body	ESONOSP	SP O	158	252	150.00	2	0.750
		ESONOSPV	SP V± O	158	252	150.00	2	0.860
		ESONOSPH	SP H± O	158	252	150.00	2	1.090
	In-situ concrete construction method with mounting body, long version	ESONOSPL	SP L O	158	504	150.00	1	1.490

All dimensions are inside dimensions.

Egcosono stair landing bearing for precast landings

WG: 280

	Description	Item No.	Type	Height mm	Width mm	Depth mm	Packaging unit Pcs	Weight kg/pce
	Precast construction without fixing body	ESONFSP	SP F	158	252	150.00	2	0.640
		ESONFSPV	SP V± F	158	252	150.00	2	0.750
		ESONFSPH	SP H± F	158	252	150.00	2	0.980

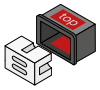
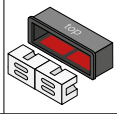
All dimensions are inside dimensions.

Egcosono reinforcement cage

WG: 280

	Description	Item No.
	Standard cage consisting of 4 push-in stirrups and 5 shear force stirrups to achieve maximum load-bearing capacity	ESONBEP

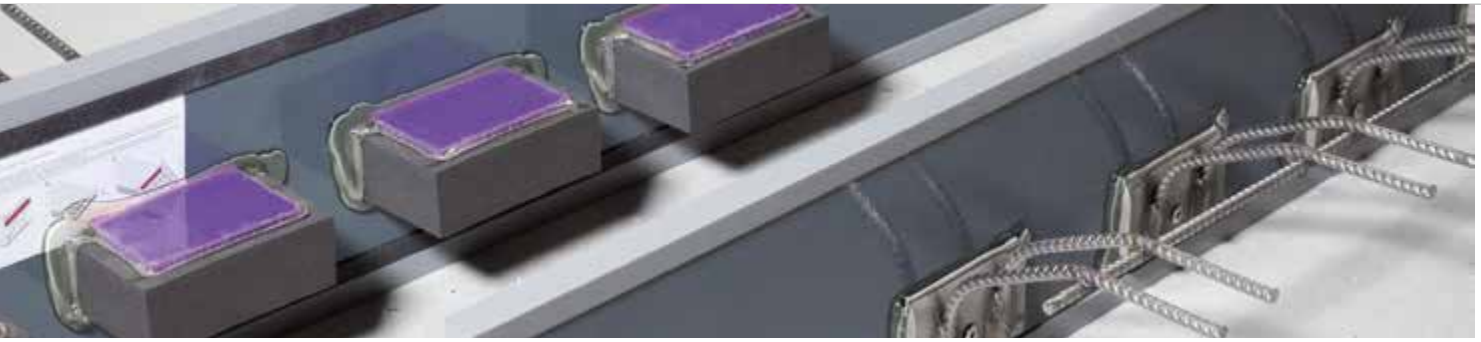
Type overview

		In-situ concrete landings				Precast element landings		
								
Type		SP O	SP V± O	SP H± O	SP L O	SP F	SP V± F	SP H± F
Direction of load		▼	▲▼	◆	▼		▲▼	◆
Max. Load-bearing capacity V_{Rd} up to	[kN/Element] ▲▼	87.4	87.4 / -23.8	87.4 / -23.8	174.8	87.4	87.4 / -23.8	87.4 / -23.8
Max. load capacity H_{Rd} up to	[kN/Element] ◀ ▶	-	-	± 23,8	-	-	-	± 23,8
Stair landing thickness	[mm]	≥ 160						

Ordering code

Example: ESONOSPV

Article	Application area	Product generation	Load direction	Version
ESON Egcosono	**O** In-situ concrete construction	**SP**	– vertically (downwards) ▼	Standard Height x Width x Depth 158 x 252 x 150 mm
			V vertically (down and up) ▲▼	Standard Height x Width x Depth 158 x 252 x 150 mm
	F Precast construction		H vertical (down and up) and horizontal (left and right) ◆	Standard Height x Width x Depth 158 x 252 x 150 mm
				L (long version) Height x Width x Depth 158 x 504 x 150 mm

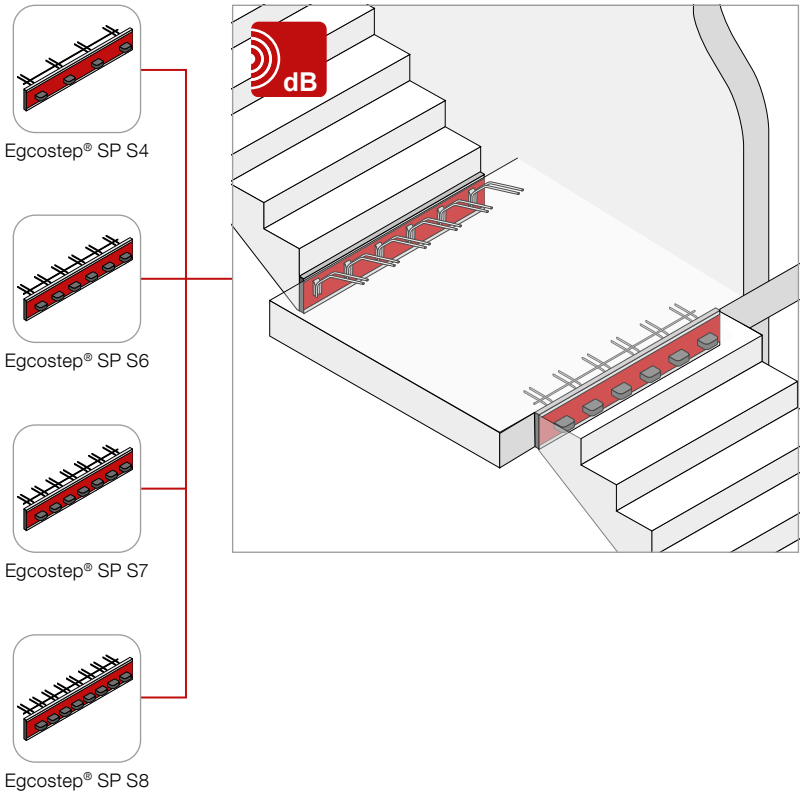


Egcostep® stair flight decoupling

Safe load transfer and high requirements for sound insulation are the challenges when installing concrete stairs. Egcostep® acoustically separates the flight of stairs from the landing and reduces impact sound transmission in the stairwell.

Advantages

- Impact sound properties tested in an accredited test laboratory according to DIN 7396
- In-situ concrete/precast element execution
- Fire resistance rating R90
- Type testing on the basis of EC2

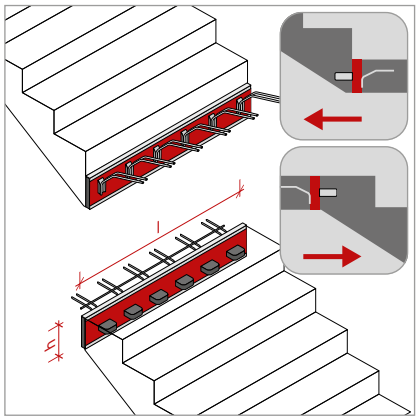


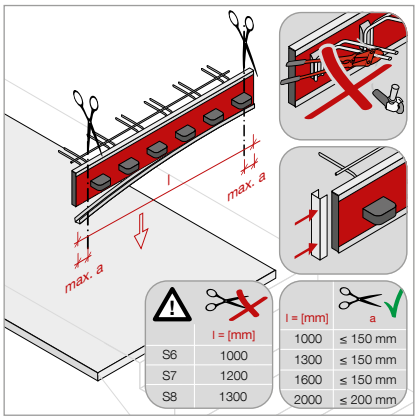
Egcostep® stair flight decoupling

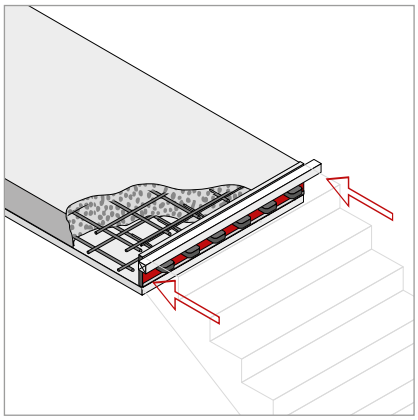
WG: 281

	Item No.	Type	Length mm	Height mm	Max. Load-bearing capacity V_{Rd} up to kN/element	Weight kg/pce
	ESTSP4100160	SP S4	1000	160	34.8	4.590
	ESTSP4100180	SP S4	1000	180	34.8	4.770
	ESTSP4100200	SP S4	1000	200	34.8	5.050
	ESTSP4100220	SP S4	1000	220	34.8	5.380
	ESTSP4130200	SP S4	1300	200	34.8	5.480
	ESTSP4130220	SP S4	1300	220	34.8	5.690
	ESTSP6100180	SP S6	1000	180	52.2	6.450
	ESTSP6100200	SP S6	1000	200	52.2	6.690
	ESTSP6100220	SP S6	1000	220	52.2	7.010
	ESTSP6130180	SP S6	1300	180	52.2	6.850
	ESTSP6130200	SP S6	1300	200	52.2	7.030
	ESTSP6130220	SP S6	1300	220	52.2	7.240
	ESTSP6130250	SP S6	1300	250	52.2	7.520
	ESTSP7120200	SP S7	1200	200	60.9	7.280
	ESTSP7120220	SP S7	1200	220	60.9	8.050
	ESTSP8130200	SP S8	1300	200	69.6	8.670
	ESTSP8130220	SP S8	1300	220	69.9	8.880

Units can be shortened on each side by 150 mm. Exceptions: S6 l = 1000 mm, S7 l = 1200 mm, S8 l = 1300 mm. Other types and dimensions on request. Please state type, length and height in mm. Heavy loads possible on request.



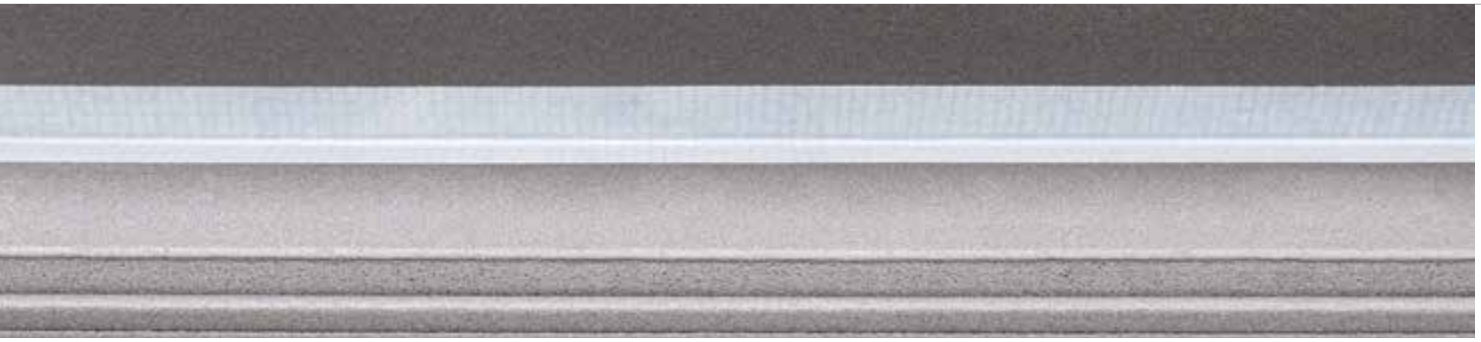




Ordering code

Example: ESTSP4130200

Article	Product generation	Number of bearings	Length	Height
EST Egcostep	**SP**	**4**	100 = 1000 mm	160 mm 180 mm 200 mm 220 mm
			130 = 1300 mm	**200** mm 220 mm
		6	100 = 1000 mm	180 mm 200 mm 220 mm
			130 = 1300 mm	180 mm 200 mm 220 mm 250 mm
		7	120 = 1200 mm	200 mm 220 mm
		8	130 = 1300 mm	200 mm 220 mm

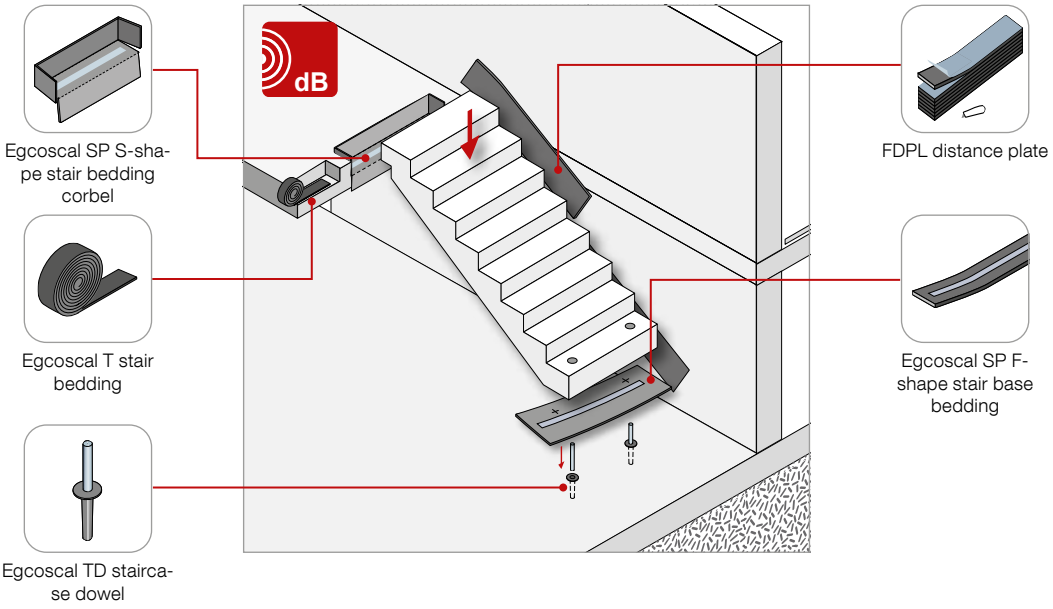


Egcoscal stair beddings

The Egcoscal building acoustics system decouples the prefabricated stair flight from the landing over the entire surface and demonstrably reduces impact sound transmission. In addition to sound insulation in the area of the concrete stairs, the Egcoscal system also supports positional stability in the stair flight connection. The matching spacer plates protect the joints from dirt and reduce sound transmission to the staircase wall.

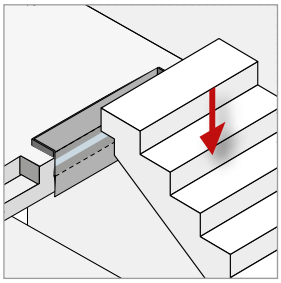
Advantages

- Impact sound properties tested in an accredited test laboratory according to DIN 7396 (S-shape, F-shape and FDPL)
- Bearings can be selected in two load levels
- Fire resistance rating F90



Egcoscal stair bedding - S-shape

- Impact sound properties tested in an accredited test laboratory according to DIN 7396
- For acoustic decoupling between prefabricated staircase and landing
- Can be adapted to the installation conditions on site



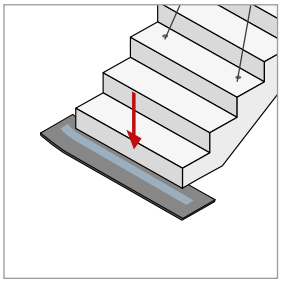
WG: 282

Item No.	Type	Length mm	Thickness mm	Max. load-bearing capacity V_{Rd} kN/m	Weight kg/pce
ESCALSPS1001	SP S1000-43	1000	15	43	0.850
ESCALSPS1002	SP S1000-61	1000	15	61	0.910
ESCALSPS1101	SP S1100-43	1100	15	43	0.950
ESCALSPS1102	SP S1100-61	1100	15	61	1.010
ESCALSPS1201	SP S1200-43	1200	15	43	1.030
ESCALSPS1202	SP S1200-61	1200	15	61	1.110
ESCALSPS1301	SP S1300-43	1300	15	43	1.120
ESCALSPS1302	SP S1300-61	1300	15	61	1.200
ESCALSPS1501	SP S1500-43	1500	15	43	1.290
ESCALSPS1502	SP S1500-61	1500	15	61	1.390

Other lengths and loads on request.

Egcoscal stair bedding - F-shape

- Impact sound properties tested in an accredited test laboratory according to DIN 7396
- For acoustic decoupling between prefabricated staircase and floor slab
- Can be adapted to the installation conditions on site



WG: 282

Item No.	Type	Length mm	Width mm	Thickness mm	Max. load-bearing capacity V_{Rd} kN/m	Weight kg/pce
ESCALSPF1001	SP F1000-43	1000	500	15	43	1.400
ESCALSPF1002	SP F1000-61	1000	500	15	61	1.460
ESCALSPF1101	SP F1100-43	1100	500	15	43	1.550
ESCALSPF1102	SP F1100-61	1100	500	15	61	1.610
ESCALSPF1201	SP F1200-43	1200	500	15	43	1.690
ESCALSPF1202	SP F1200-61	1200	500	15	61	1.760
ESCALSPF1301	SP F1300-43	1300	500	15	43	1.830
ESCALSPF1302	SP F1300-61	1300	500	15	61	1.910
ESCALSPF1501	SP F1500-43	1500	500	15	43	2.120
ESCALSPF1502	SP F1500-61	1500	500	15	61	2.210

Other lengths and loads on request.

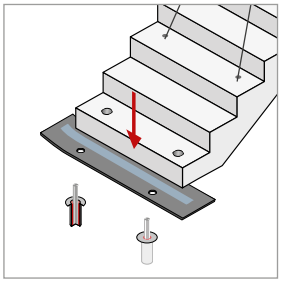
Ordering code

Example: ESCALSPS1002

Article	Product generation	Staircase support variant	Length	Load level
ESCAL Egcoscal	**SP**	**S**-Form for impact sound decoupling between prefabricated staircase and landing	**100** = 1000 mm 110 = 1100 mm 120 = 1200 mm 130 = 1300 mm 150 = 1500 mm	1 = 43 kN **2** = 61 kN
		F-Form for impact sound decoupling between prefabricated staircase and floor slab	100 = 1000 mm 110 = 1100 mm 120 = 1200 mm 130 = 1300 mm 150 = 1500 mm	1 = 43 kN 2 = 61 kN

Egcoscal TD staircase dowel

- Impact sound decoupling element for structural positional stability
- Stainless steel version
- Position securing in combination with Egcoscal F-shape

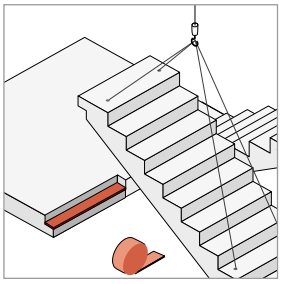


WG: 282

Item No.	Execution	Diameter mm	Length mm	Max. Load-bearing capacity V_{Rd} up to kN/element	Weight kg/pce
LATLTD22	Stainless steel	22	300	11.5	2.190

Egcoscal T stair bedding

- Stair bedding for precast concrete staircases
- Strip bearing made of an elastomer that is specially adapted to the application
- Rolled goods

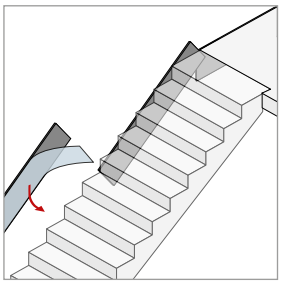


WG: 282

Item No.	Length mm	Width mm	Thickness mm	Design value of compressive stress N/mm²
LATLTR	10000	100	10	≤ 0,6

FDPL distance plate

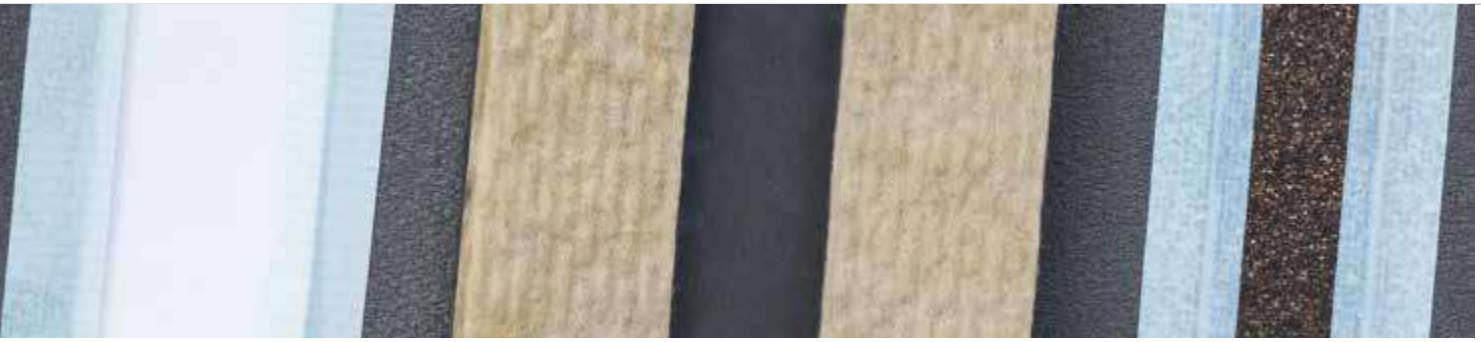
- Use in the installation of stair flights and stair landings
- Avoid sound bridges and contribute to structure-borne sound decoupling
- Distance plates secure the joints and prevent soiling
- Building material class B1 according to DIN 4102-01



FDPL distance plate

WG: 282

	Description	Item No.	Length mm	Width mm	Thickness mm	Content
	FDPL distance plate incl. full adhesive surface with protective film	FDPL15250B1K	1000	250	15	1 piece
		FDPL15355B1K	1000	355	15	1 piece
		FDPL15420B1K	1000	420	15	1 piece
	FDPL distance plates incl. full adhesive surface with protective film (packed in a tubular film bag incl. cutter knife)	FDPLSETSB1K	1000	250	15	15 pieces
		FDPLSETMB1K	1000	355	15	15 pieces
		FDPLSETLB1K	1000	420	15	15 pieces

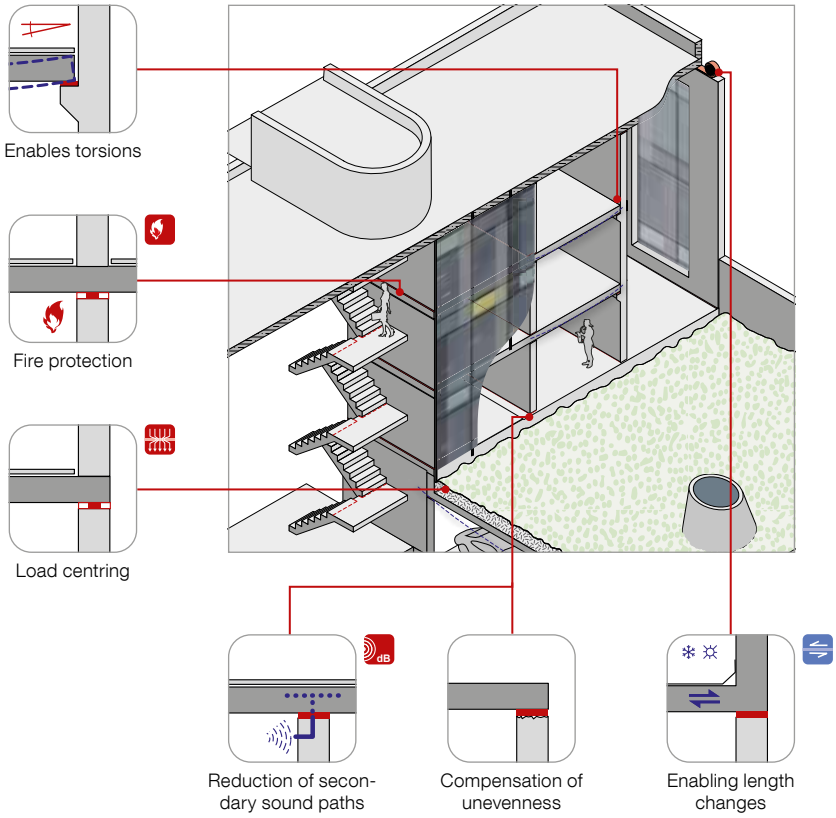


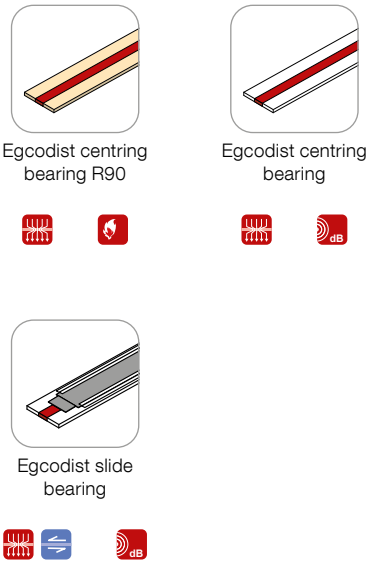
Egcodist wall and floor bearings

Use the advantages of wall and floor bearings to avoid building damages. The targeted load centring prevents spalling due to rotation of the floor bearing. According to DIN 18530, an intermediate layer must be added to accommodate these deformations. The Egcodist construction bearing range from MAX FRANK fulfils these requirements. This means planning security for the user and a permanently intact wall / ceiling butt-joint for the client.

Advantages

- Load centring
- Allows length changes and angular rotations
- Compensation of unevenness
- Reduction of secondary sound paths
- Fire resistance





Egcodist C R90

WG: 285

- Centring core strip bearing laid on smoothed mortar, defines load eccentricities
- Absorption of angular displacements
- Absorption of small horizontal movements due to shear deformation of the core strip element
- Centring bearings with fire resistance rating F90

Item No.	Length m	Width mm	Height mm	Core strip width mm	Design value linear load kN/m	Permissible horizontal movement mm	Packaging unit Pcs
EDISTC1050175R90	1.20	175	10	50	140	± 4,8	5
EDISTC1050240R90	1.20	240	10	50	140	± 4,8	5
EDISTC1060175R90	1.20	175	10	60	210	± 4,8	5
EDISTC1060240R90	1.20	240	10	60	210	± 4,8	5

Special widths available on request.

Egcodist C

WG: 285

- Centring bearing
- Centring core strip bearing laid on smoothed mortar, defines load eccentricities
- Absorption of angular displacements
- Absorption of small horizontal movements due to shear deformation of the core strip element

Item No.	Length m	Width mm	Height mm	Core strip width mm	Design value linear load kN/m	Permissible horizontal movement mm	Packaging unit Pcs
EDISTC05175075	1.00	175	5	25	105	± 2,0	10
EDISTC05175150	1.00	175	5	50	210	± 2,0	10
EDISTC05240075	1.00	240	5	25	105	± 2,0	10
EDISTC05240150	1.00	240	5	50	210	± 2,0	10
EDISTC10175100	1.00	175	10	40	140	± 4,8	10
EDISTC10175150	1.00	175	10	50	210	± 4,8	10
EDISTC10240100	1.00	240	10	40	140	± 4,8	10
EDISTC10240150	1.00	240	10	50	210	± 4,8	10

Special widths available on request.

Egcodist CG

WG: 285

- Centring bearing with permanent sliding function
- Core strip/centring slide bearings laid on smoothed mortar surface/ring anchor
- Absorption of horizontal movements without time limits, e.g. due to temperature differences, size of horizontal movement limited to 1/3 of the core strip width
- Absorption of angular displacements

Item No.	Length m	Width mm	Height mm	Core strip width mm	Design value linear load kN/m	Permissible horizontal movement mm	Packaging unit Pcs
EDISTCG05175075	1.00	175	5	25	105	± 8,0	10
EDISTCG05175150	1.00	175	5	50	210	± 16,0	10
EDISTCG05240075	1.00	240	5	25	105	± 8,0	10
EDISTCG05240150	1.00	240	5	50	210	± 16,0	10
EDISTCG10175100	1.00	175	10	40	140	± 13,0	10
EDISTCG10175150	1.00	175	10	50	210	± 16,0	10
EDISTCG10240100	1.00	240	10	40	140	± 13,0	10
EDISTCG10240150	1.00	240	10	50	210	± 16,0	10

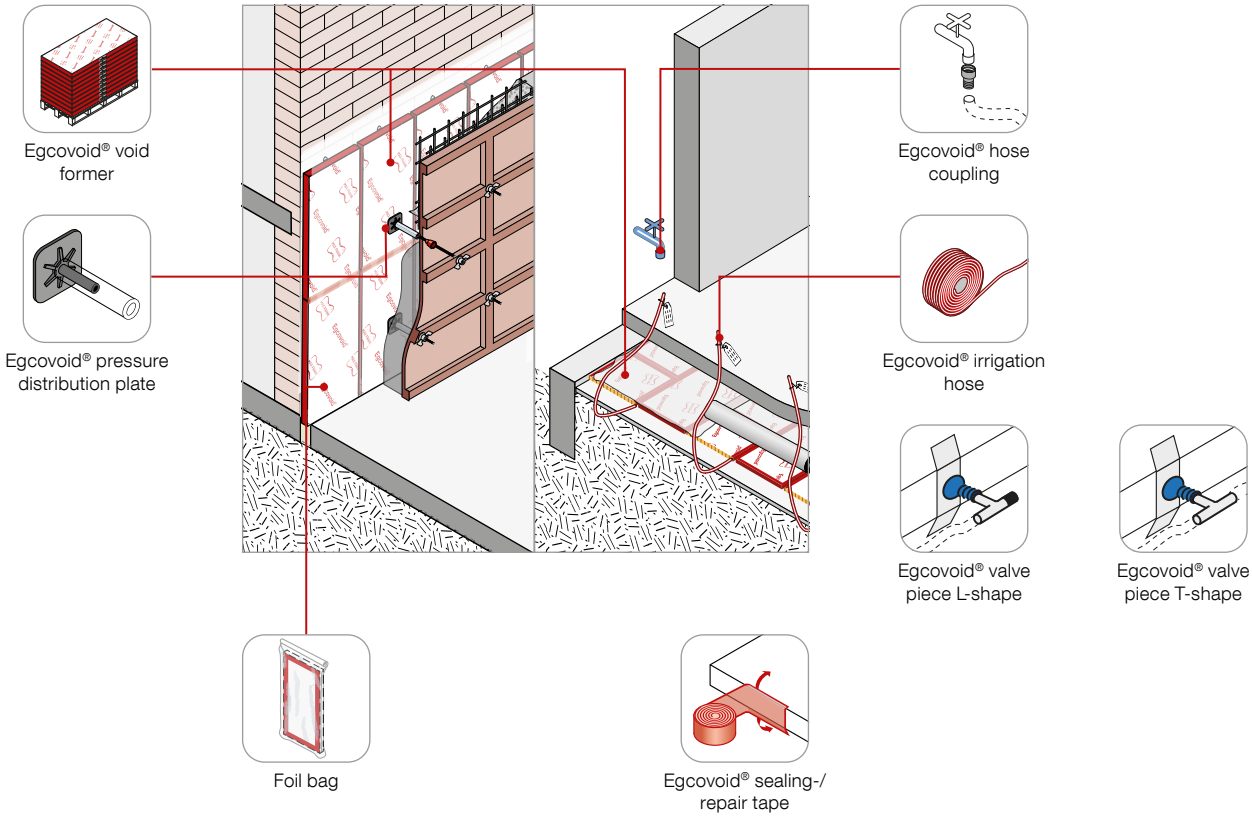
Special widths available on request.

Egcovoid® void former

The Egcovoid® void former creates a load-free separation layer. Load activations are required, especially in the event of incalculable forces, to produce a targeted load transmission. Vibration decoupling or statically unique load situations are possible with the Egcovoid® void former at a desired time.

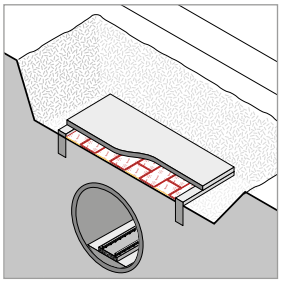
Advantages

- Targeted load application for pile foundations
- Targeted load of the sub-base through the floor slab in underground structures
- Vertical separating layer to existing foundations
- Vertical void between an existing building wall and a new building wall
- Expansion space for swelling soils



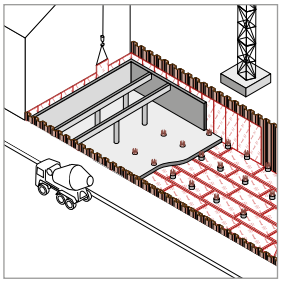
Load release on underground structural elements

In order to protect existing structures (tunnel, sewers, etc.) against the load of a new building situated above them, a load-free layer can be created at a clearly defined time between the existing construction and the new building using the Egcovoid® void former. The structures are statically isolated from each other.



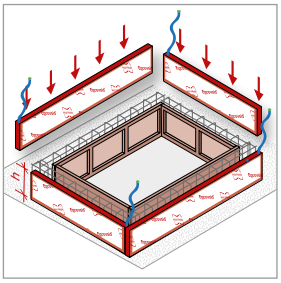
Acoustic decoupling of common walls

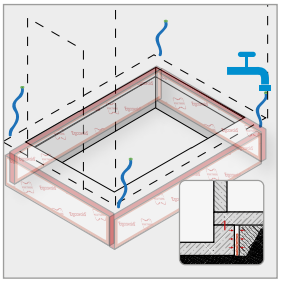
To statically and acoustically separate an existing wall from a newly built wall, an air gap can be created using the Egcovoid® void former through the subsequent removal of the plate. As opposed to permanent formwork with perimeter insulation, a sound bridge and static influence can be ruled out when a void former is used.



Vertical foundation decoupling

In order to protect an existing structure against horizontal shear forces in the foundation area or to achieve the separation of components in order, for example, to create an expansion joint, a vertical soft layer can be created in the joint with the aid of the Egcovoid® void former, especially if a foundation and the base slab above it are subsequently to be concreted in one casting. No shear forces are transmitted from the base slab via the foundation into the existing structure, as the Egcovoid® void former forms a static hollow space after watering.





Egcovoid® void former

WG: 112

Description	Item No.	Length mm	Width mm	Height mm	Weight kg/pce
Egcovoid® void former with moisture protection	EVSPL035FS	2400	1200	35	5.760
	EVSPL050FS	2400	1200	50	7.632
	EVSPL100FS	2400	1200	100	12.500

Custom-made products on request.

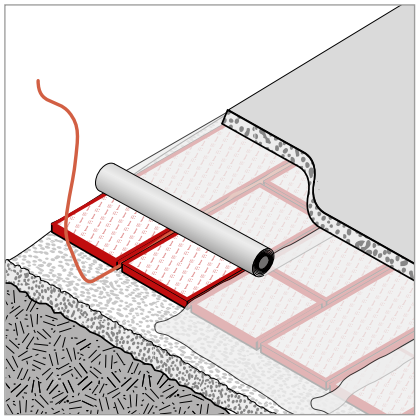
Egcovoid® void former - components

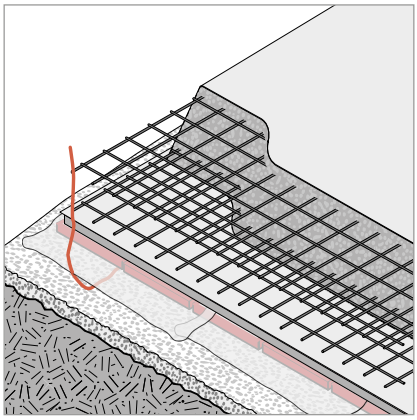
WG: 112

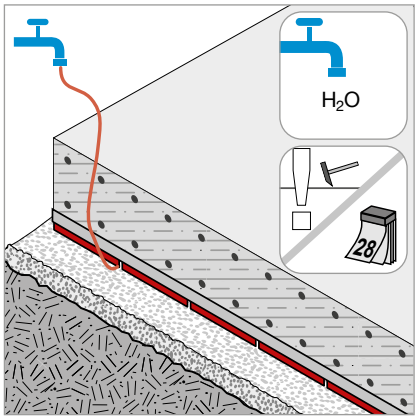
Description	Item No.	Weight kg/pce
Valve piece, T-form for hose/plate connection	FXVENTILT	0.006
Valve piece, L-form for hose/plate connection	FXVENTILL	0.006
Hose coupling/claw coupling incl. marking label	FXKUPPLU	0.088
Pressure distribution plate on distance tubes	EVSPLDV	0.060
Film hose for wall mounting or additional moisture protection, width 1.28 or 1.35 m	FXPFOLIE	-

WG: 112

	Description	Item No.	Length m	Width mm
	Irrigation hose	YFXPSETZS	25.00	-
	Sealing and repair tape for plate heights 35 mm and 50 mm	EVKB100	33.00	100
	Sealing and repair tape for plate height 100 mm	EVKB150	33.00	150







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