BUILDING
COMMON GROUND

MAX FRANK®

Product List

valid from 1st February 2023

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

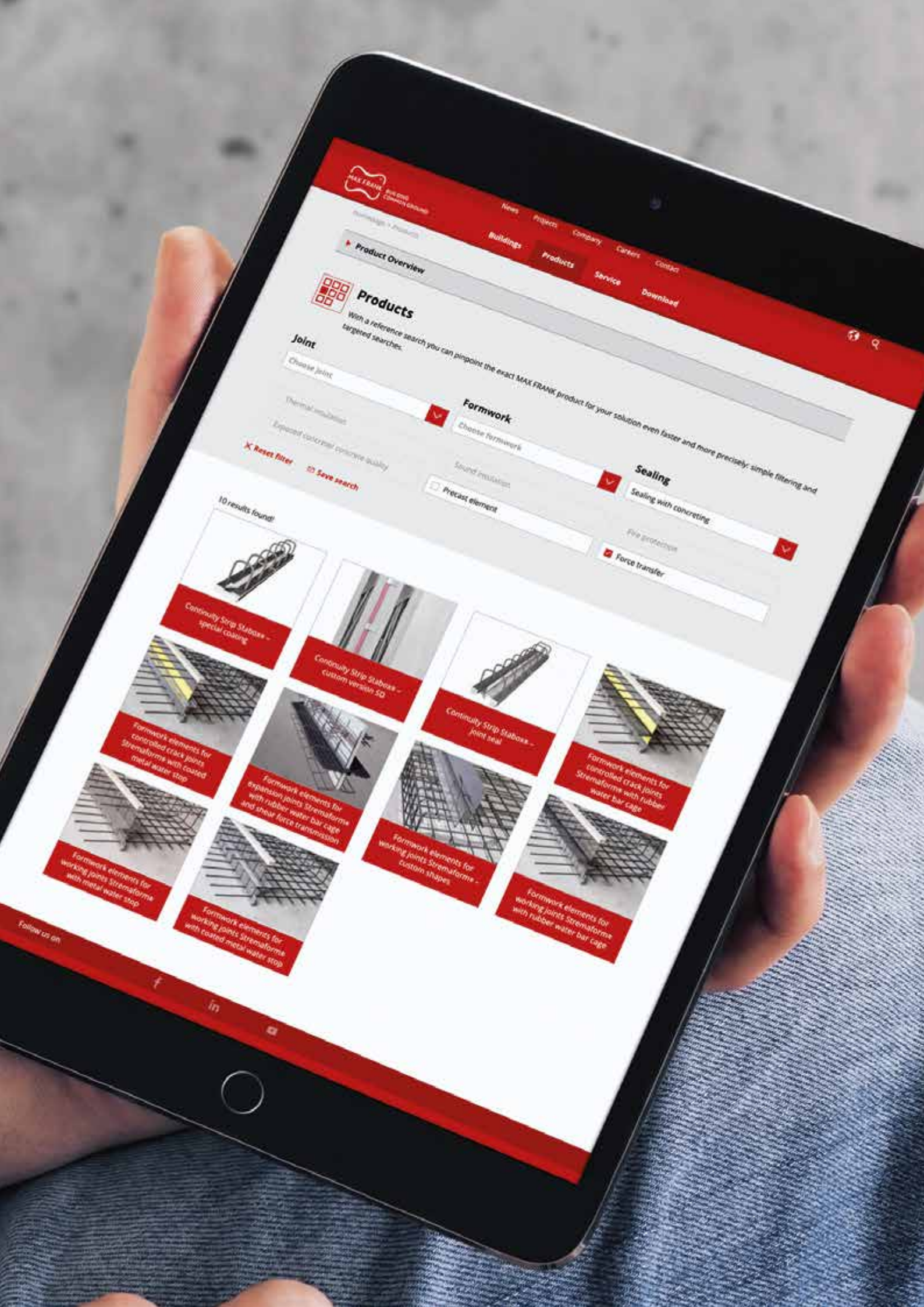
A wide range of products, high-quality product combinations, project solutions, intermeshing of planning, production and sales

CUSTOMER BENEFITS

Saving of costs and time, solution from a single source

THE COMMON APPROACH

Sustainable and safe reinforced concrete structures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Projects
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With a reference search you can pinpoint the exact MAX FRANK product for your solution even faster and more precisely: simple filtering and targeted searches.
Joint
Choose joint
Formwork
Choose formwork
Sealing
Sealing with concreting
Precast element
Force transfer
Reset filter
Save search
10 results found!
Continuity Strip Staboxx – special coating
Continuity Strip Staboxx – custom version SO
Continuity Strip Staboxx – joint seal
Formwork elements for controlled crack joints Stremaforme with coated metal water stop
Formwork elements for expansion joints Stremaforme with rubber water bar cage and shear force transmission
Formwork elements for controlled crack joints Stremaforme with rubber water bar cage
Formwork elements for working joints Stremaforme with metal water stop
Formwork elements for working joints Stremaforme – custom shapes
Formwork elements for working joints Stremaforme with rubber water bar cage
Formwork elements for working joints Stremaforme with coated metal water stop
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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

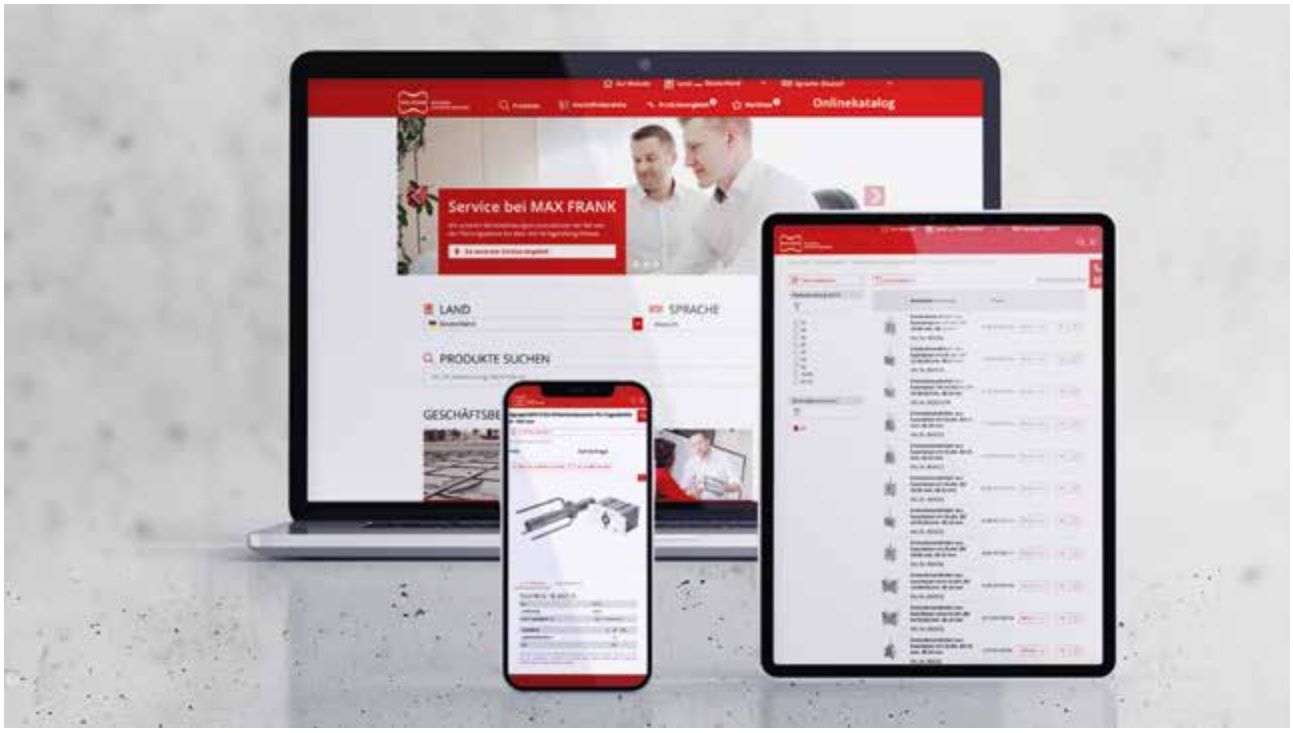
The joint designer shows the range of connection joints in concrete structures according to the classification between construction joints, predetermined crack joints, expansion joints, sound separation joints and settlement joints.

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.



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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 and is available Monday to Thursday from 7:30 a.m. to 5:00 p.m. and Fridays from 7:30 a.m. to 1:30 p.m:

+49 9427 189-320

customerservice@maxfrank.de

Notes regarding the Product List

We generally deliver on the basis of our general terms and conditions of sale and in the defined packaging units. Information about this can be found in the respective product areas. Different delivery quantities are possible on request and by arrangement. We charge a minimum quantity surcharge for these fractional quantities. A freight rate will be charged for shipment.

MAX FRANK®
BUILDING
COMMON GROUND

Building acoustics

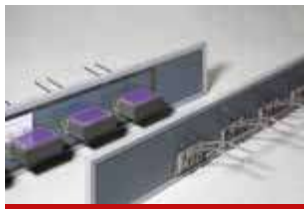
Building acoustics

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

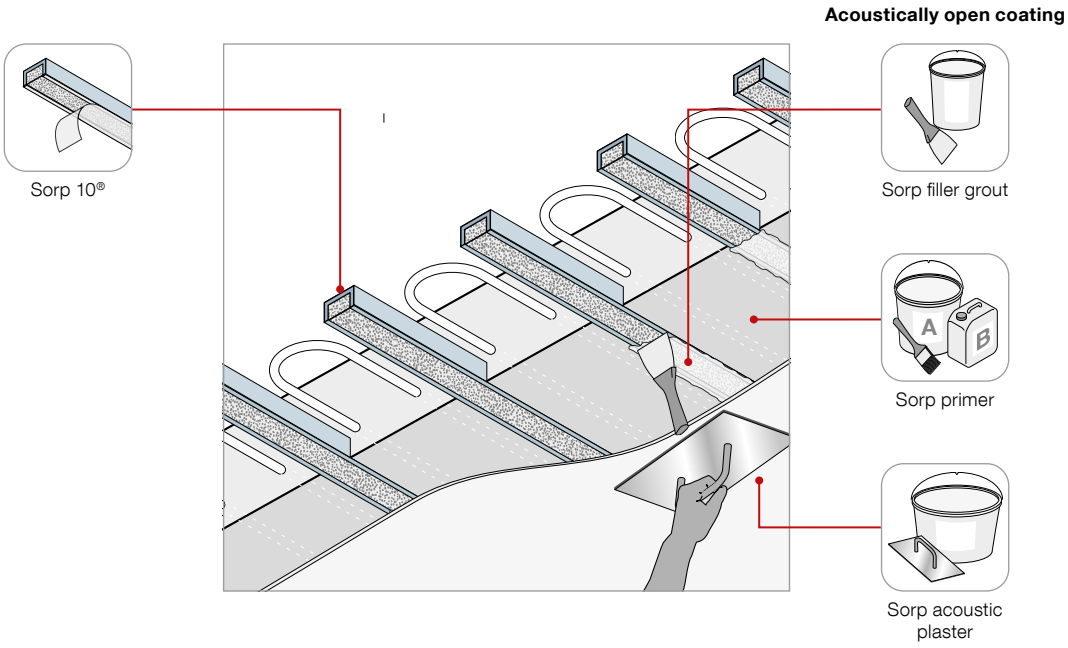
Egcovoid® void former 163

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

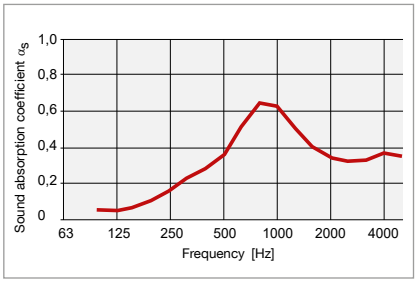
WG: 300

Acoustic strip absorber as spacer for thermally activated structural elements.

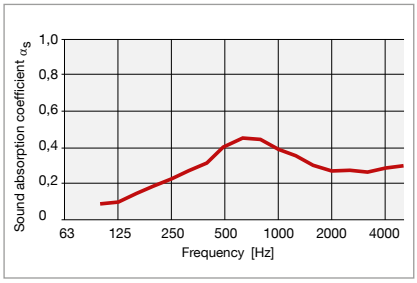
	Item No.	Length mm	Width mm	Height mm	Weight kg/pce
	AKUSORP3512002	1200	70	35	3.18

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	8.00
	Sorp primer, components A and B in ratio 2:1	SORPGR	15.00
	Sorp acoustic plaster, open-pored material for manufacturing a full-surface filling	SORPSP02	15.00

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

Roto Development Centre
© David Franck, Ostfildern

Südwestmetall Administration Building
© Martin Duckek

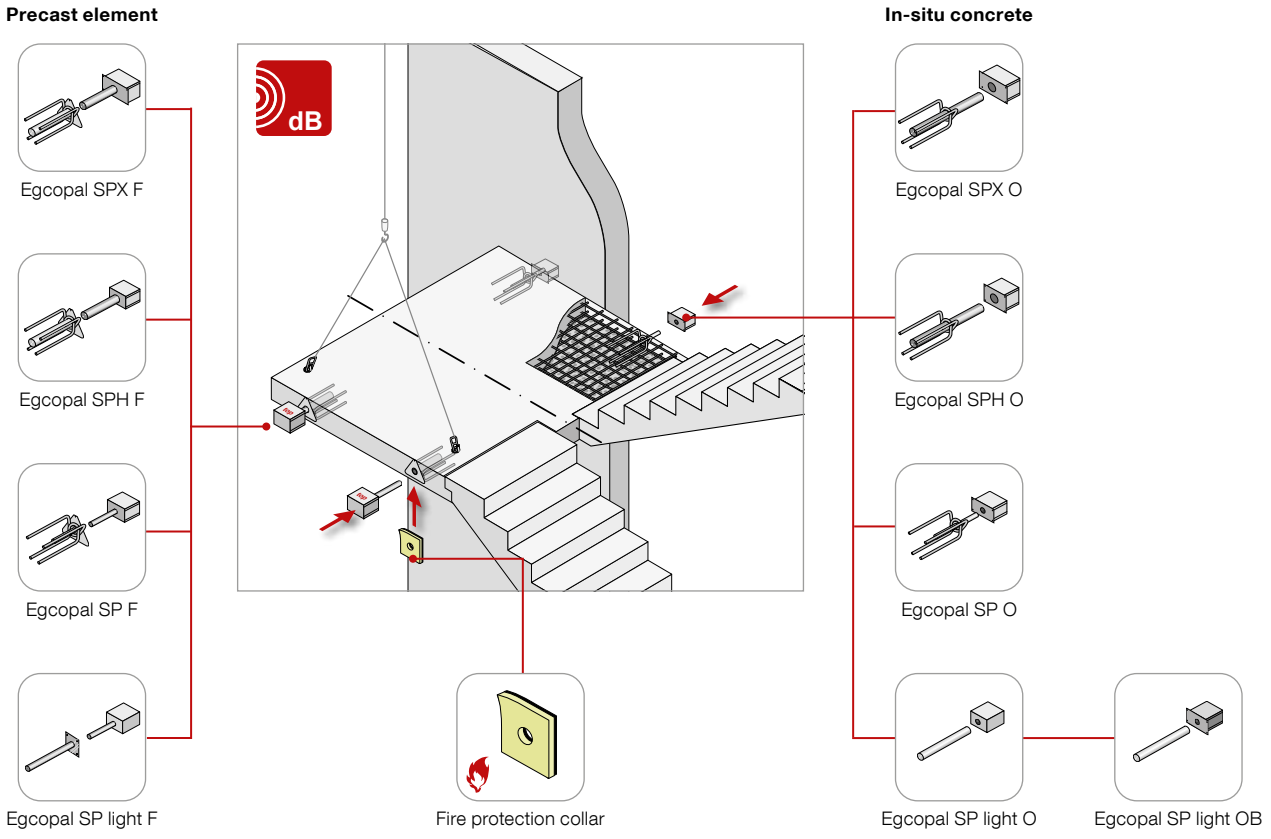
SisCampus
© f.x. brun fotograph, altdorf

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 irritating noises into adjacent rooms is insulated – this increases the comfort and well-being of the residents.

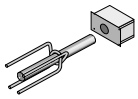
Advantages

- German National 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 ΔL^*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

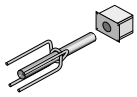
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for extra high loads	ESPOKFXL	SPX O	0 - 100	60.3	-
		ESPOKFXLPM	SPX O±	0 - 100	60.3	-

Please specify the exact joint width when ordering (0 - 30 mm, 31 - 60 mm, 61 - 100 mm).

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

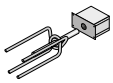
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for high loads	ESPOGFHL	SPH O	41 - 100	37.3	10.550
		ESPOGFHLPM	SPH O±	41 - 100	37.3	11.310

Please specify the exact joint width when ordering (41 - 60 mm, 61 - 80 mm, 81 - 100 mm).

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

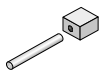
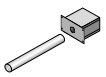
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for normal loads	ESPOKF	SP O	0 - 40	37.3	4.930
		ESPOGF	SP O	41 - 100	34.9	5.400
		ESPOKFPM	SP O±	0 - 60	37.3	5.690
		ESPOGFPM	SP O±	61 - 100	27.7	6.160

Please specify the exact joint width when ordering. (Type SP O with KF Small joint 0 - 20 mm, 21 - 40 mm. Type SP O with GF Large joint 41 - 60 mm, 61 - 80 mm, 81 - 100 mm. Type SP O+- with KF Small joint 0 - 20 mm, 21 - 40 mm, 41 - 60 mm. Type SP O+- with GF Large joint 61 - 80 mm, 81 - 100 mm).

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

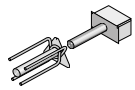
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for low to medium loads (masonry wall)	ESPLO	SP light O	0 - 60	37.3	3.790
	for low to medium loads (in-situ concrete wall)	ESPLOB	SP light OB	0 - 60	37.3	4.710

Please specify the exact joint width when ordering (0 - 20 mm, 21 - 40 mm, 41 - 60 mm). A type static analysis is available for Egcopal SP light.

Egcopal SPX impact sound insulated shear force dowel for precast element

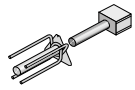
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for extra high loads	ESPFKFXL	SPX F	0 - 100	60.3	-
		ESPFKFXLPM	SPX F±	0 - 100	60.3	-

Please specify the exact joint width when ordering (0 - 30 mm, 31 - 60 mm, 61 - 100 mm).

Egcopal SPH impact sound insulated shear force dowel for precast element

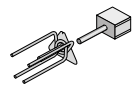
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for high loads	ESPFGFHL	SPH F	41 - 100	37.3	11.010
		ESPFGFHLPM	SPH F±	41 - 100	37.3	11.770

Please specify the exact joint width when ordering (41 - 60 mm, 61 - 80 mm, 81 - 100 mm).

Egcopal SP impact sound insulated shear force dowel for precast element

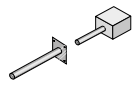
WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for normal loads	ESPFKF	SP F	0 - 40	37.3	5.240
		ESPFGF	SP F	41 - 100	34.9	5.710
		ESPFKFPM	SP F±	0 - 60	37.3	6.000
		ESPFGFPM	SP F±	61 - 100	27.7	7.070

Please specify the exact joint width when ordering. (Type SP O with KF Small joint 0 - 20 mm, 21 - 40 mm. Type SP O with GF Large joint 41 - 60 mm, 61 - 80 mm, 81 - 100 mm. Type SP O+- with KF Small joint 0 - 20 mm, 21 - 40 mm, 41 - 60 mm. Type SP O+- with GF Large joint 61 - 80 mm, 81 - 100 mm).

Egcopal SP light impact sound insulated shear force dowel for precast element

WG: 279

	Description	Item No.	Type	Joint width mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	for low to medium loads	ESPLF	SP light F	0 - 60	37.3	4.150

Please specify the exact joint width when ordering (0 - 20 mm, 21 - 40 mm, 41 - 60 mm). A type static analysis is available for Egcopal SP light.

Fire protection collar

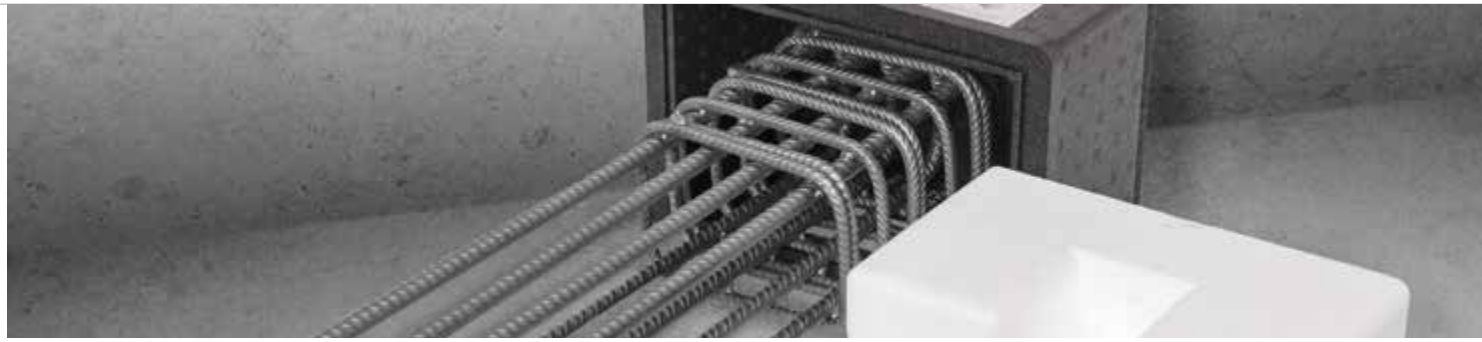
WG: 119

	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: ESPFGFPM

Article	Product generation	Application area	Max. joint width	Load level	Load action
E Egcopal	**SP**	O In-situ concrete construction	KF Small joint 60 mm	**–** Standard	– Standard
		F Precast construction	**GF** Large joint ≥ 61 mm	HL High loads	**PM** PlusMinus for lifting loads
				XL Extra-high loads	

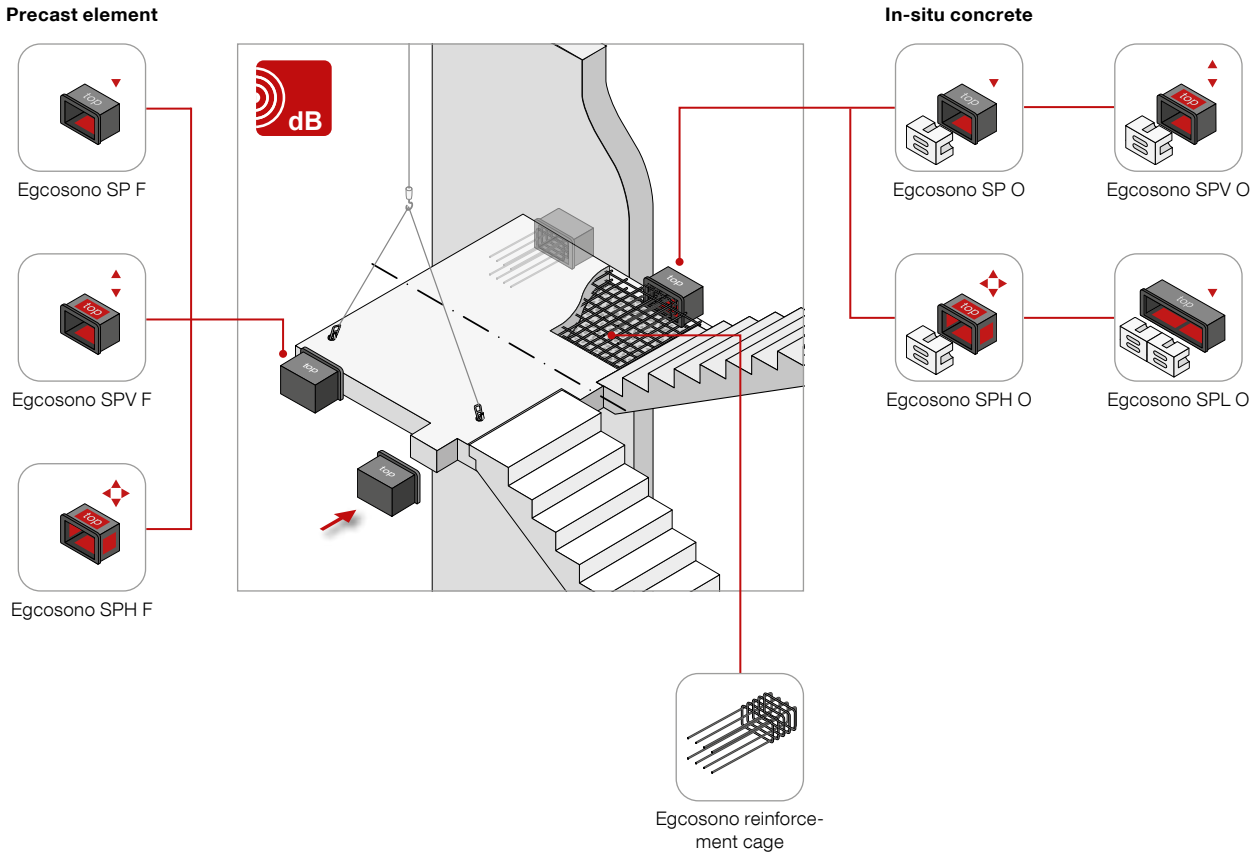


Egcosono stair landing bearing

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.

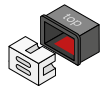
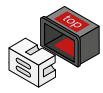
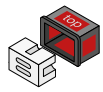
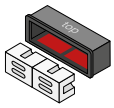
Advantages

- 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	0.75
		ESONOSPV	SP V± O	158	252	150.00	2	0.86
		ESONOSPH	SP H± O	158	252	150.00	2	1.09
	In-situ concrete construction method with mounting body, long version	ESONOSPL	SP L O	158	504	150.00	1	1.49

All dimensions are inside dimensions.

Egcosono stair landing bearing for precast landings

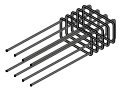
WG: 280

	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	0.64
		ESONFSPV	SP V± F	158	252	150.00	2	0.75
		ESONFSPH	SP H± F	158	252	150.00	2	0.98

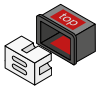
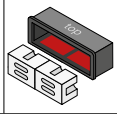
All dimensions are inside dimensions.

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

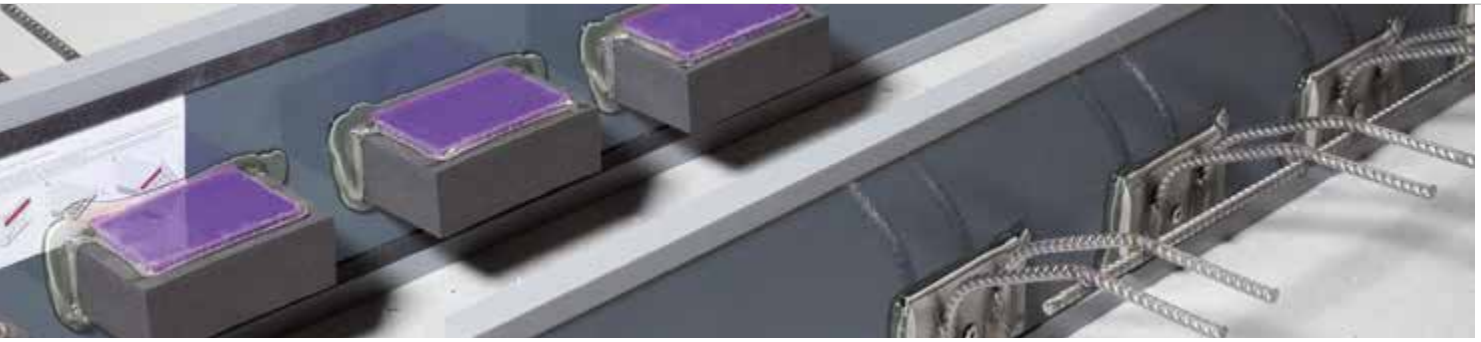
Type overview

		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 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

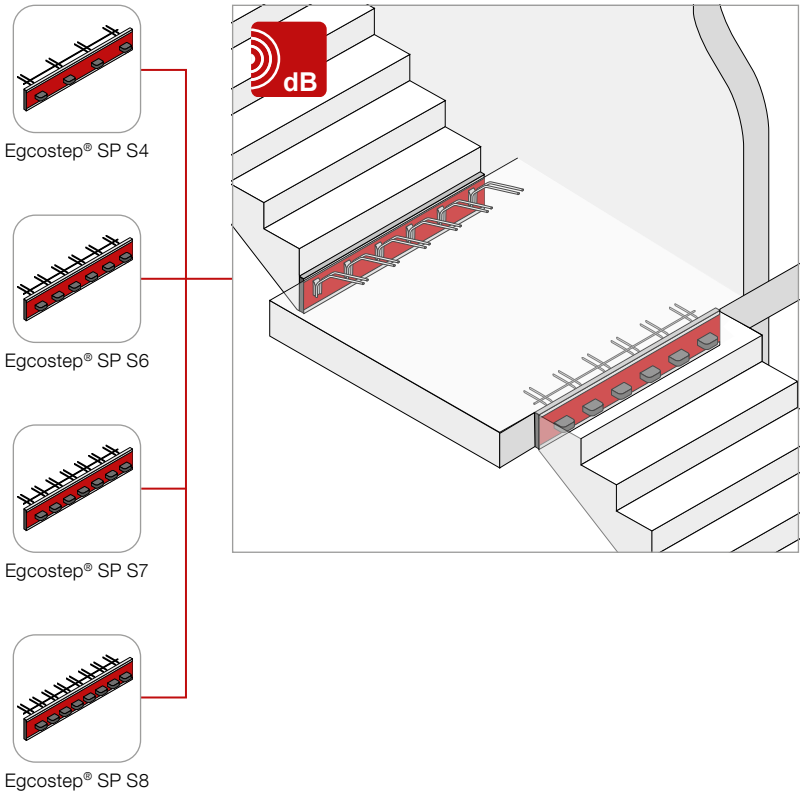


Egcostep® stair flight decoupling

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

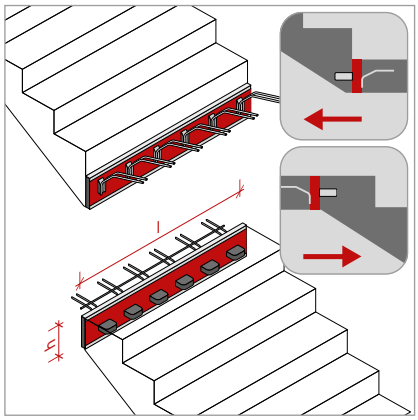


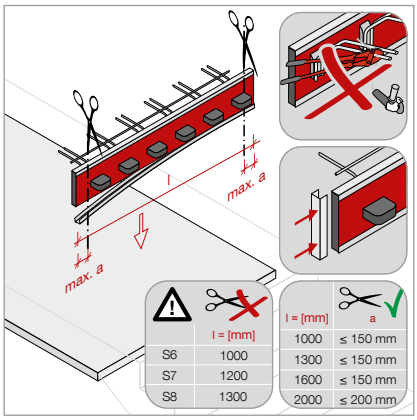
Egcostep® stair flight decoupling

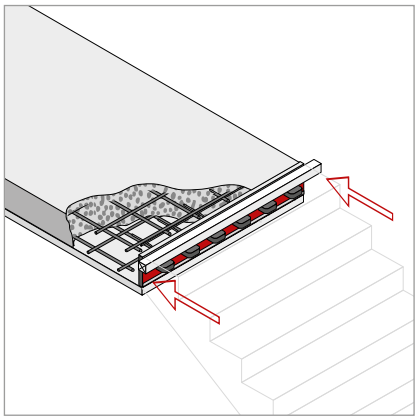
WG: 280

	Item No.	Type	Length mm	Height mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
	ESTSP4100160	SP S4	1000	160	34.8	4.59
	ESTSP4100180	SP S4	1000	180	34.8	4.77
	ESTSP4100200	SP S4	1000	200	34.8	5.05
	ESTSP4100220	SP S4	1000	220	34.8	5.38
	ESTSP4130200	SP S4	1300	200	34.8	5.48
	ESTSP4130220	SP S4	1300	220	34.8	5.69
	ESTSP6100180	SP S6	1000	180	52.2	6.45
	ESTSP6100200	SP S6	1000	200	52.2	6.69
	ESTSP6100220	SP S6	1000	220	52.2	7.01
	ESTSP6130180	SP S6	1300	180	52.2	6.85
	ESTSP6130200	SP S6	1300	200	52.2	7.03
	ESTSP6130220	SP S6	1300	220	52.2	7.24
	ESTSP6130250	SP S6	1300	250	52.2	7.52
	ESTSP7120200	SP S7	1200	200	60.9	7.28
	ESTSP7120220	SP S7	1200	220	60.9	8.05
	ESTSP8130200	SP S8	1300	200	69.9	8.67
	ESTSP8130220	SP S8	1300	220	69.9	8.88

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.



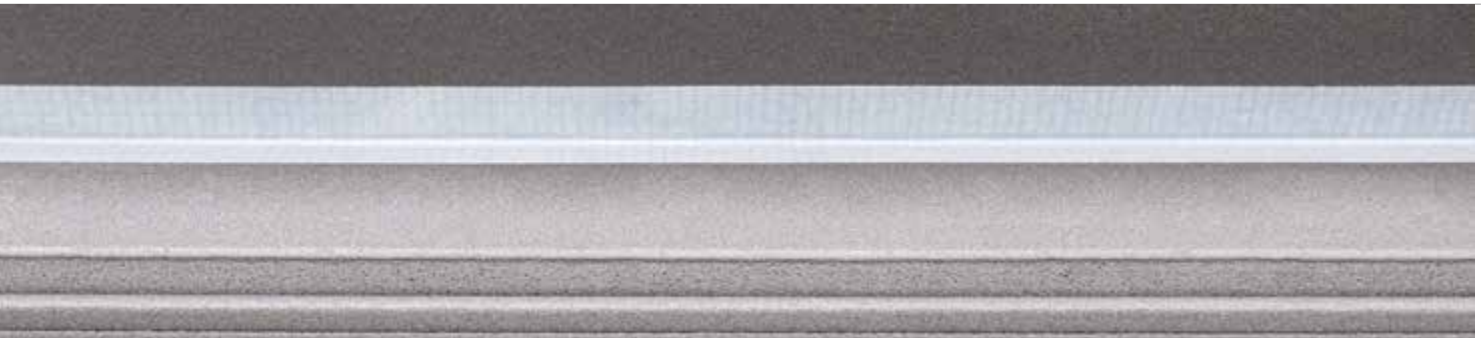




Ordering code

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

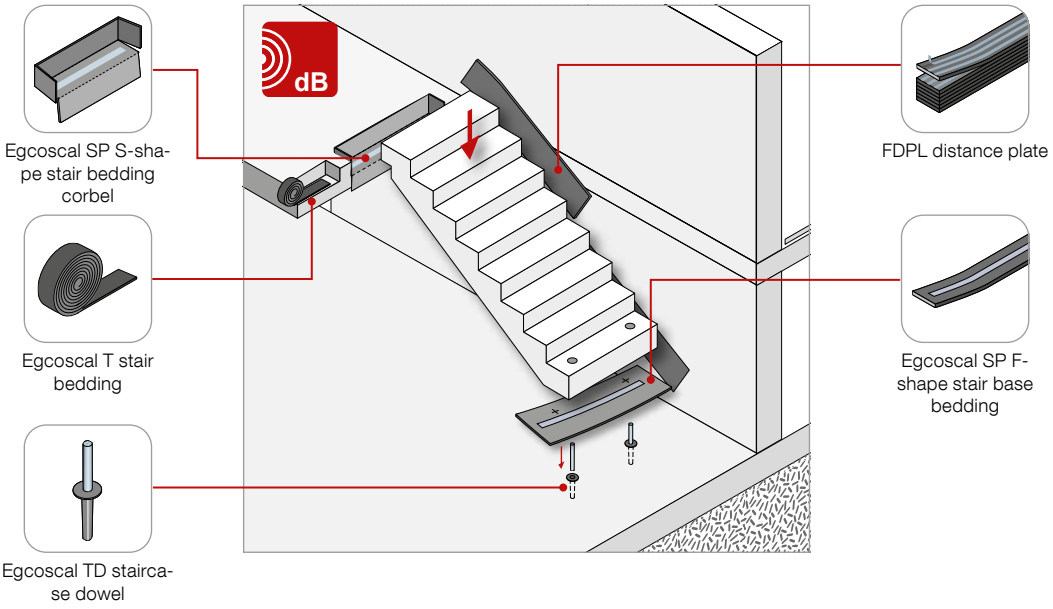


Egcoscal stair beddings

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.

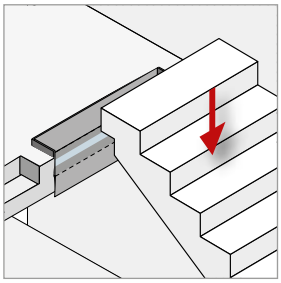
Advantages

- 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



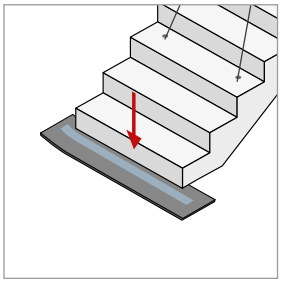
WG: 280

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	0.85
ESCALSPS1002	SP S1000-61	1000	15	61	0.91
ESCALSPS1101	SP S1100-43	1100	15	43	0.95
ESCALSPS1102	SP S1100-61	1100	15	61	1.01
ESCALSPS1201	SP S1200-43	1200	15	43	1.03
ESCALSPS1202	SP S1200-61	1200	15	61	1.11
ESCALSPS1301	SP S1300-43	1300	15	43	1.12
ESCALSPS1302	SP S1300-61	1300	15	61	1.20
ESCALSPS1501	SP S1500-43	1500	15	43	1.29
ESCALSPS1502	SP S1500-61	1500	15	61	1.39

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: 280

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	1.40
ESCALSPF1002	SP F1000-61	1000	500	15	61	1.46
ESCALSPF1101	SP F1100-43	1100	500	15	43	1.55
ESCALSPF1102	SP F1100-61	1100	500	15	61	1.61
ESCALSPF1201	SP F1200-43	1200	500	15	43	1.69
ESCALSPF1202	SP F1200-61	1200	500	15	61	1.76
ESCALSPF1301	SP F1300-43	1300	500	15	43	1.83
ESCALSPF1302	SP F1300-61	1300	500	15	61	1.91
ESCALSPF1501	SP F1500-43	1500	500	15	43	2.12
ESCALSPF1502	SP F1500-61	1500	500	15	61	2.21

Other lengths and loads on request.

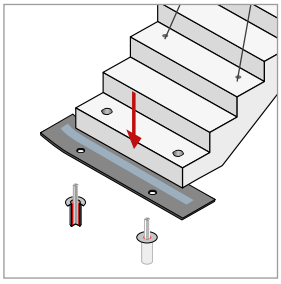
Ordering code

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
- Secure into position with Egcoscal F-Form

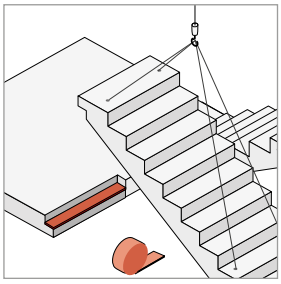


WG: 280

Item No.	Execution	Diameter mm	Length mm	max. load capacity V_{Rd} up to kN/element	Weight kg/pce
LATLTD22	Stainless steel	22	300	11.5	2.19

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

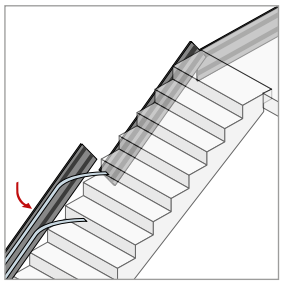


WG: 280

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
- Volume weight: 30 ± 4 kg/m³
- Fire protection: Class E according to DIN EN 13501-1/building material class B2 according to DIN 4102-01



WG: 280

Description	Item No.	Length mm	Width mm	Thickness mm
FDPL distance plate, incl. pre-applied double-sided adhesive tape	FDPL15250	1000	250	15
	FDPL15355	1000	355	15
	FDPL15420	1000	420	15

FDPL distance plate in a set

WG: 280

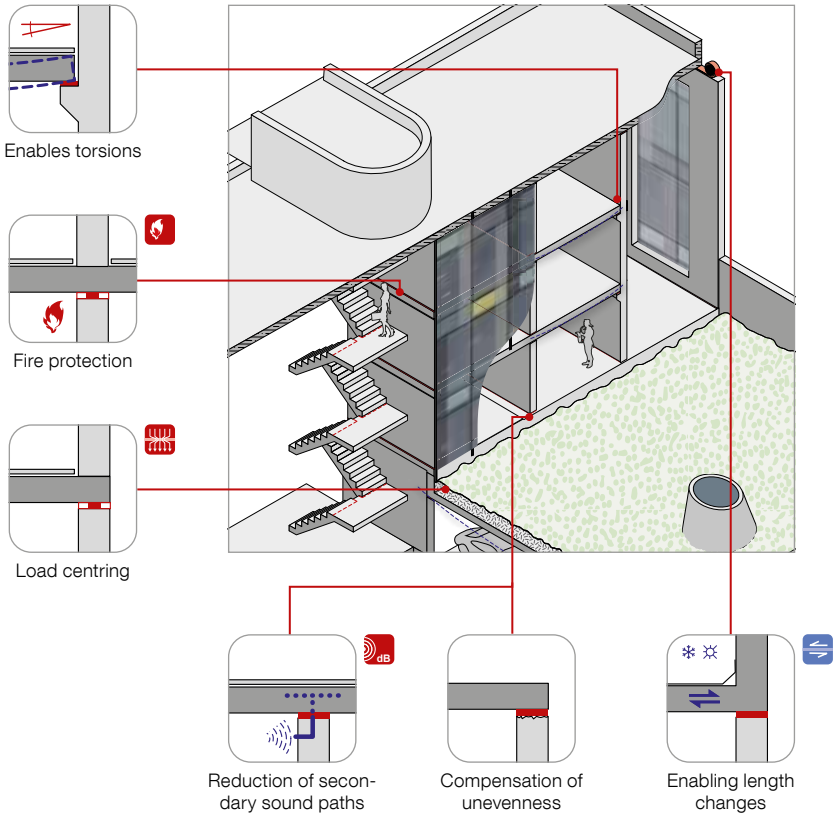
Description	Item No.	Length mm	Width mm	Thickness mm
15 FDPL distance plates, incl. pre-applied double-sided adhesive tape and cutter knife	FDPLSETS	1000	250	15
	FDPLSET	1000	355	15
	FDPLSETL	1000	420	15

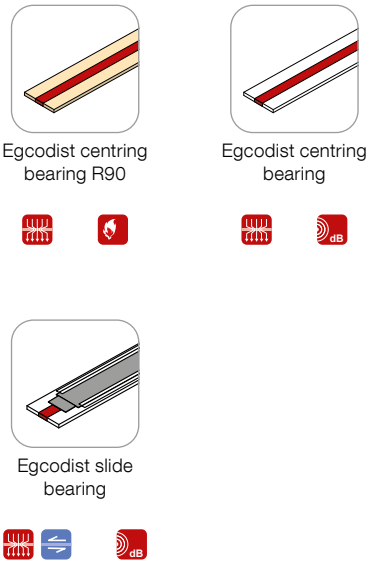
Egcodist wall and floor bearings

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

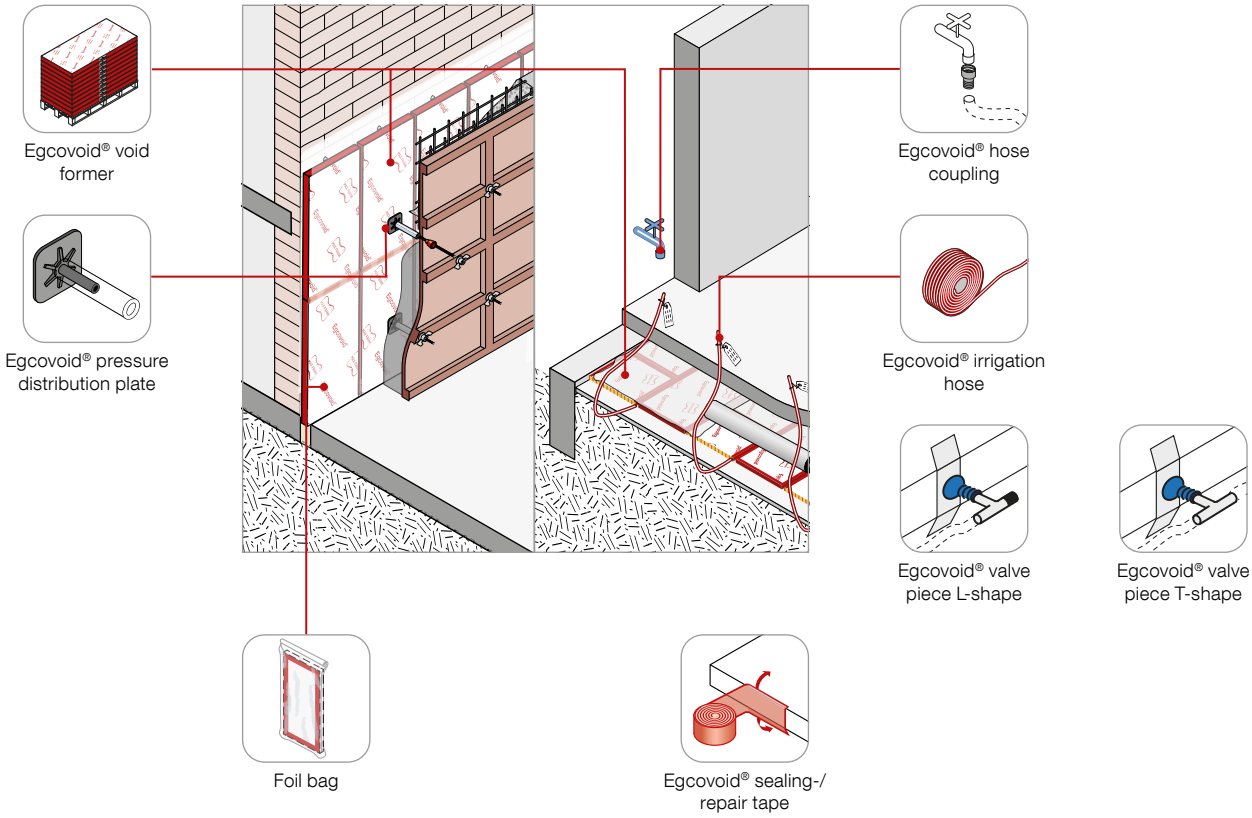
Special widths available on request.

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.

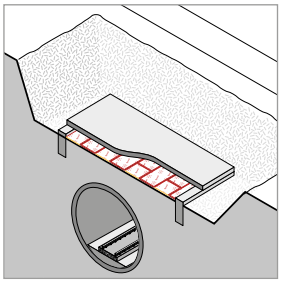
Advantages

- 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



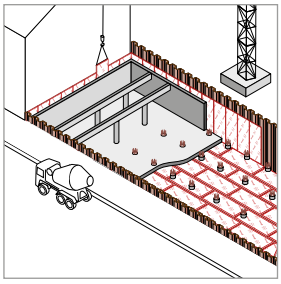
Load release on underground structural elements

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.



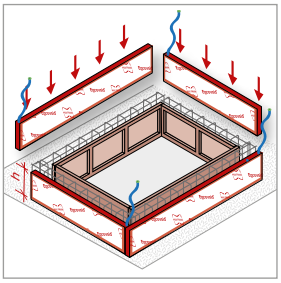
Acoustic decoupling of common walls

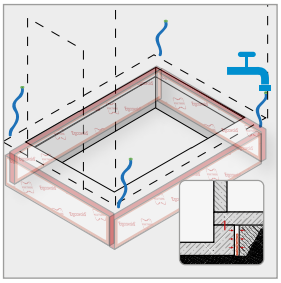
To statically and acoustically separate an existing wall from a newly built wall, an air gap can be created using the Egcovoid® void former through the subsequent removal of the plate. As opposed to permanent formwork with perimeter insulation, a sound bridge and static influence can be ruled out when 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	5.76
	EVSPL050FS	2400	1200	50	7.63
	EVSPL100FS	2400	1200	100	12.50

Custom-made products on request.

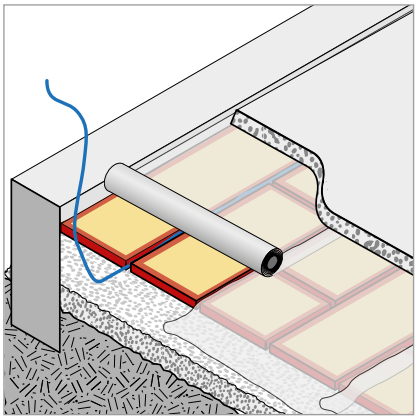
Egcovoid® void former - components

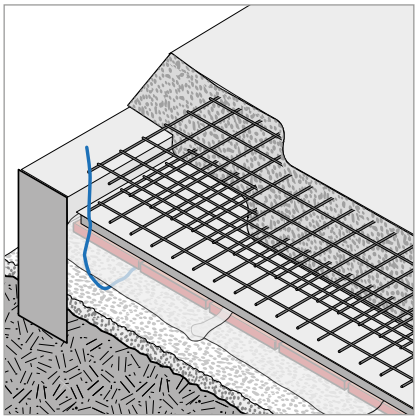
WG: 112

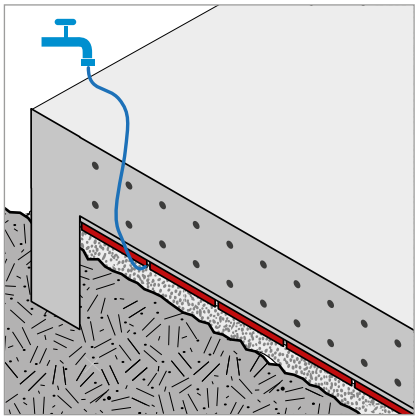
Description	Item No.	Weight kg/pce
Valve piece, T-form for hose/plate connection	FXVENTILT	0.01
Valve piece, L-form for hose/plate connection	FXVENTILL	0.01
Hose coupling/claw coupling incl. marking label	FXKUPPLU	0.09
Pressure distribution plate on distance tubes	EVSPLDV	0.06
Film hose for wall mounting 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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