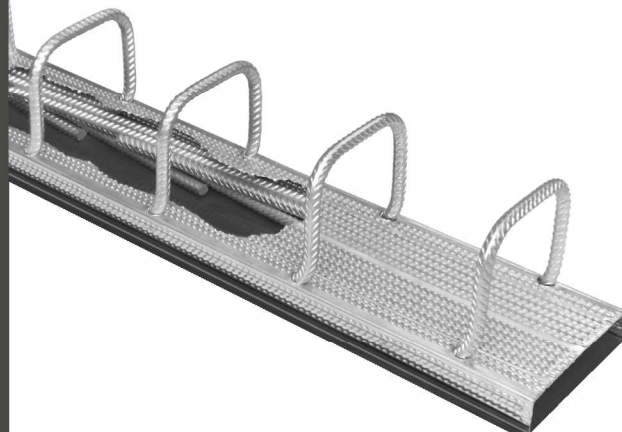


Reinforcement
technology
System description
COMAX®
continuity strip P
and special types



The *fast, effective*
COMAX® continuity strip
from **BETOMAX®** systems
for perfect concrete bonding
with *General Building Approval*
No. Z-21.8-2056.

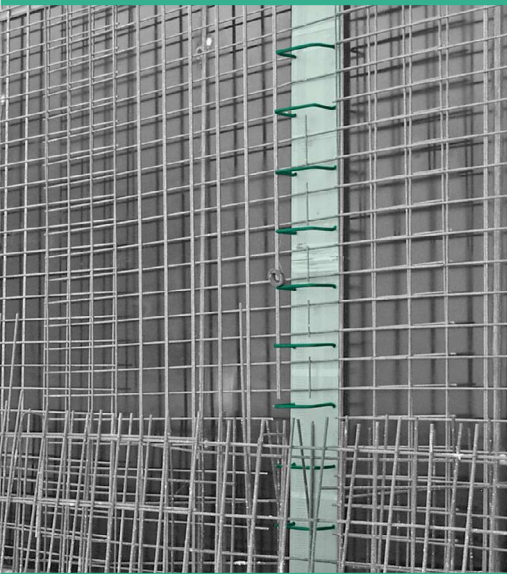


When it matters...

systems
BETOMAX®

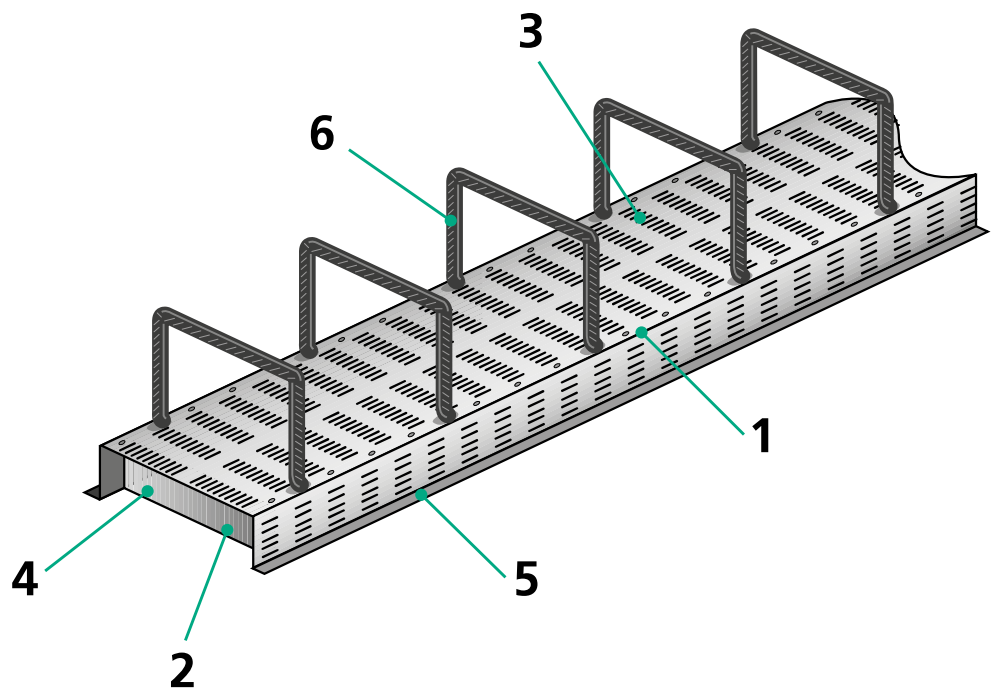
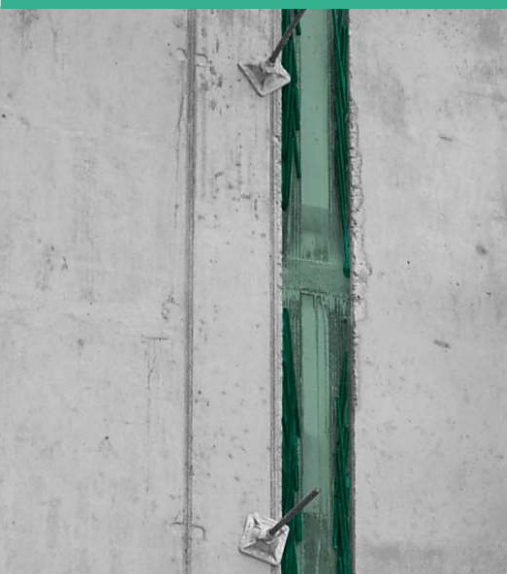
COMAX® – the continuity strip from BETOMAX® systems

Quick...

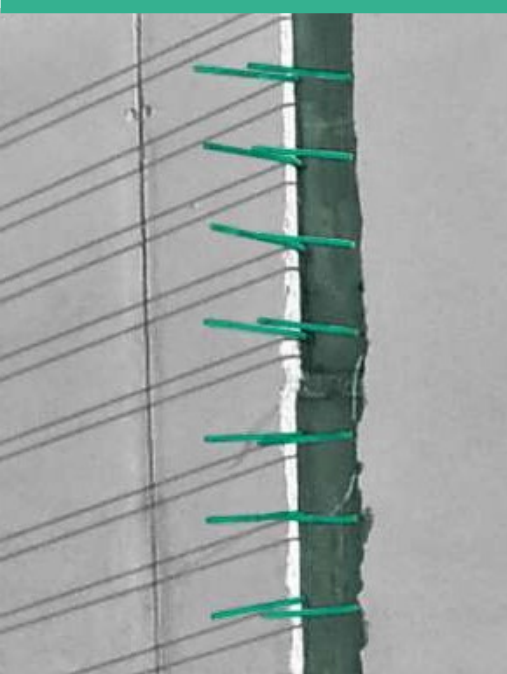


COMAX®, the continuity strip made by BETOMAX® systems, offers distinct advantages in the construction of complex concrete structures. During the design phase it is important to have confidence in the choice made between various options. At the same time, the product needs to have been thoroughly tested and be proven to withstand the demands made by every kind of structure.

Efficient...

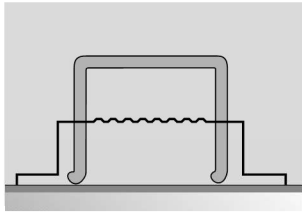


Safe...



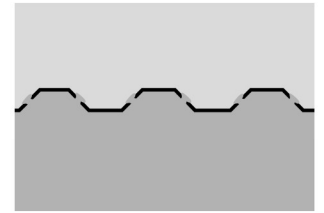
The intrinsic features of COMAX® and the abundance of special versions customized for a variety of applications ensure that the most appropriate solution is always to hand, during both design and construction. On site, COMAX® satisfies the most stringent requirements thanks to its impeccable technical design. Easy to install, COMAX® facilitates the reliable and fast implementation of the formwork erection and removal phases. This improves safety and reliability, and accomplishes higher quality, time savings and cost control.

1

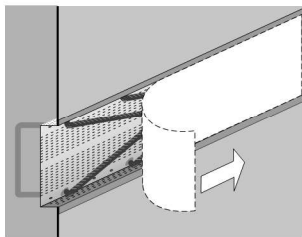


The specially textured, microperforated casing guarantees perfect concrete bonding

- Micro-perforations allow concrete-concrete contact
- Pronounced texture anchors the casing in the concrete
- The rigid, robust casing resists twisting forces



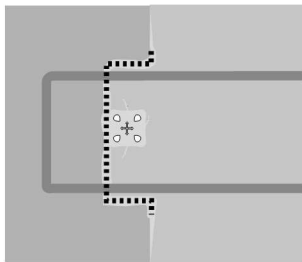
2



The tear-off back cover achieves considerable time savings

- Fast, reliable removal of formwork
- No need for additional tools
- Simple action
- Unplasticized PVC backing

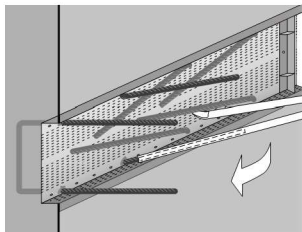
3



Open-geometry casing allows waterproofing by injection after concreting if required

- Micro-perforations allow the dispersal of injected media
- Ideal for all BETOMAX® injection systems: P100, P200, P400, etc.
- Additional sealing of concrete

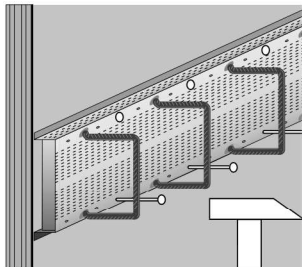
4



The highly effective watertightness of the casing allows very fast formwork removal

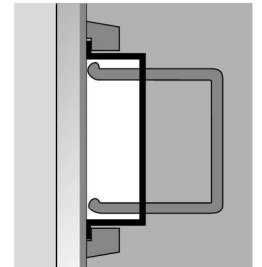
- The seal is maintained by the mechanically fastened PVC backing and watertight plastic caps
- Concrete is thus prevented from penetrating the casing
- Accessories allow waiting times to be utilized and thus prevent delays

5

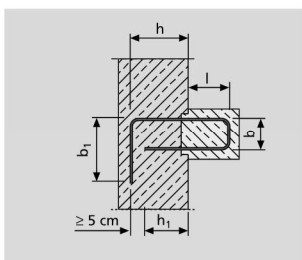


Various fixing options are available for quick and effective installation

- The casing can be nailed to timber or particle board formwork (fig. left)
- NEW: extra-strong magnet for formwork with metallic skin
- Reusable (more than 10 times)
- Marked for easy positioning and recovery



6

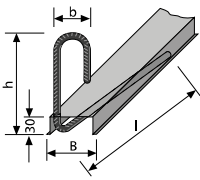
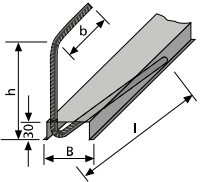
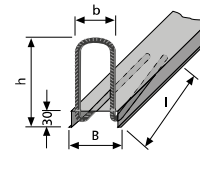
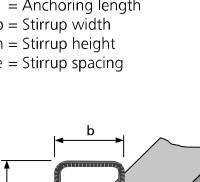
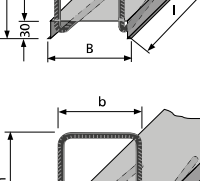
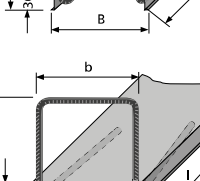
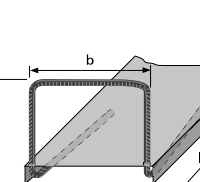
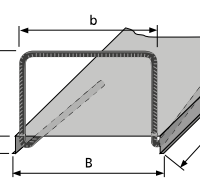
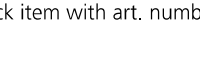


Special designs of all types for all situations

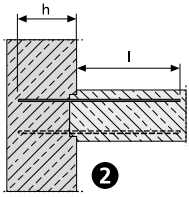
- Various stirrup designs (see diagrams on back)
- Variable spacings between stirrups – standard: 15, 20, 25, 30 mm
- Reinforcing bars with diameters of 6 to 16 mm
- Casing width (B): 60, 80, 110, 140, 160, 190, 220, 240 mm
- Element length up to 2.50 m – standard: 1.25 m
- Height of 5 cm available with 60, 80, 110 and 190 mm casings



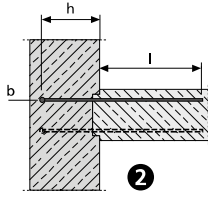
COMAX® P

Art. No.	Stirrup type	Strip width	Steel Ø	Stirrup spacing	h	b	l	Element length	Weight	
	mm	mm	mm	e in cm	cm	cm	cm	cm	kg/m	
	507233	H	80	12	10	13	6	39	125	6,21
	299400	H	80	12	15	12	8	46	125	4,78
	550744	H	80	12	20	12	8	46	125	3,81
		H	80	12	30	12	8	46	125	2,88
		S1	110	12	15	12	9	32	125	6,58
		H ₂	110	12	15	12	9	44	125	8,80
		S1	110	12	20	12	9	46	125	5,95
		S1	110	12	30	12	9	46	125	4,46
		S1	140	12	15	15	12	46	125	8,45
		S1	140	12	20	15	12	46	125	6,69
		S1	140	12	30	15	12	46	125	4,93
		S1	160	12	15	15	14	46	125	8,74
		S1	160	12	20	15	14	46	125	6,95
		S1	160	12	30	15	14	39	125	4,76
		S1	240	12	15	15	22	46	125	9,94
	550747	S1	190	12	15	15	17	46	125	9,27
	550748	S1	190	12	20	15	17	46	125	7,44
		S1	190	12	30	15	17	46	125	5,61
		S1	240	12	15	15	22	46	125	6,13
		S1	240	12	20	15	22	46	125	8,04
		S1	240	12	30	15	22	46	125	6,13
	373296	H	80	10	15	12	6	39	125	3,22
		H	80	10	20	12	6	39	125	2,62
	373297	H	80	10	30	12	6	39	125	2,16
		S1	110	10	15	12	9	39	125	5,20
		S1	110	10	20	12	9	39	125	4,19
		S1	110	10	30	12	9	39	125	3,17
		S1	140	10	15	15	12	39	125	5,83
		S1	140	10	20	15	12	39	125	4,72
		S1	140	10	30	15	12	39	125	3,62
		S1	160	10	15	15	14	39	125	6,08
		S1	160	10	20	15	14	39	125	4,96
	299410	S1	160	10	30	15	14	39	125	3,83
	299411	S1	190	10	15	15	17	39	125	6,56
	550740	S1	190	10	20	15	17	39	125	5,41
	550741	S1	190	10	30	15	17	39	125	4,25
		S1	240	10	15	15	22	39	125	7,15
		S1	240	10	20	15	22	39	125	5,94
	550743	S1	240	10	30	15	22	39	125	4,74
	550749	S1	240	12	15	15	28	46	125	9,94
	550750	S1	240	12	20	15	22	46	125	8,04
		S1	240	10	15	15	22	39	125	7,15
	550732	H	80	10	15	12	6	39	240	3,33
	550733	H	80	10	20	12	6	39	240	2,71
	550734	H	80	10	30	12	6	39	240	2,09
	299406	S1	110	10	15	12	9	39	240	5,32
	550735	S1	110	10	20	12	9	39	240	4,25
	299402	S1	110	10	30	12	9	39	240	3,18
	550736	S1	140	10	15	15	12	39	240	6,04
	550737	S1	140	10	20	15	12	39	240	4,88
	550738	S1	140	10	30	15	12	39	240	3,72
	299407	S1	160	10	15	15	14	39	240	6,30
	550739	S1	160	10	20	15	14	39	240	5,12
	299403	S1	160	10	30	15	14	39	240	3,94
		S1	190	10	15	15	17	39	240	6,74
		S1	190	10	20	15	17	39	240	5,54
		S1	190	10	30	15	17	39	240	4,34

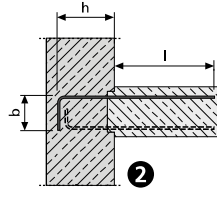
B = Type/strip width/element width
l = Anchoring length
b = Stirrup width
h = Stirrup height
e = Stirrup spacing



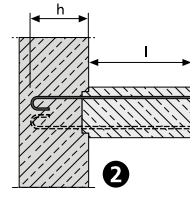
Type W
(Type W double leg)
Simple angle; two-section double angle (hook), also available with various steel diameters



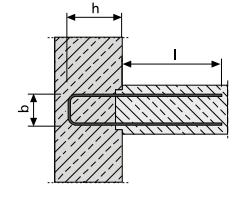
Type WH
(Type WH double leg)
Angle with hook in strip direction; two-section double angle (hook), also available with various steel diameters



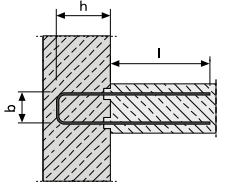
Type WS
(Type WS double leg)
Angle with lateral hook; two-section double angle (hook), also available with various steel diameters



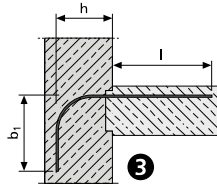
Type H
(Type H double leg) Hook, as standard 60 or 80 sizes



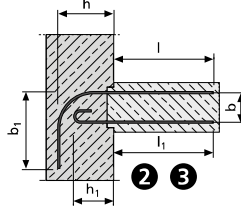
Type S1
Inserted stirrup in one strip



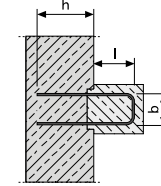
Type B
Wide joint, inserted stirrup in two strips



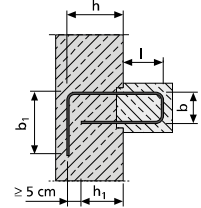
Type BA
Rigid joint, type BA with bending roll 10 ds



Type BA with compr. bar
Rigid joint type BA with bending roll 10 ds, different top/bottom steel diameters available

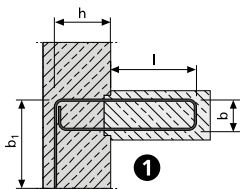


Type KO^{1.)}
Console type, open stirrup

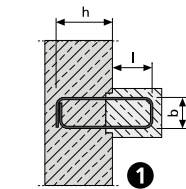


Type KH^{1.)}
Console, half-open stirrup $h_1 \text{ max} = h - 5 \text{ cm}$

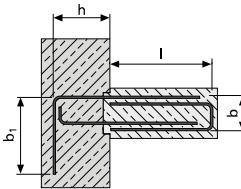
Also with a bending roll of 10 ds available.



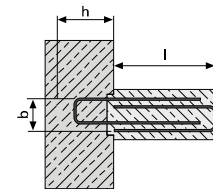
Type BK^{1.)}
Console, closed stirrup, only for stirrup widths $B = 90, 120, 140, 170$ and 220 mm possible



Type K^{1.)}
Console, closed stirrup, only for stirrup widths $B = 90, 120, 140, 170$ and 220 mm possible



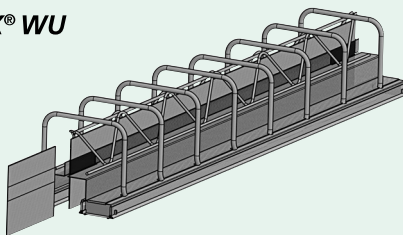
Type KHS
Console type for long cantilevers with separate inserted stirrup. Provided stirrup must be wired after bending-out operation



Type KS
Console type for long cantilevers with separate inserted stirrup. Provided stirrup must be wired after bending-out operation

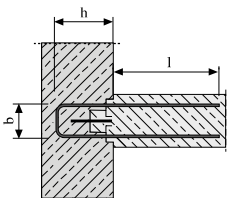
COMAX® WU

Splice plate



COMAX® WU – the water proof continuity strip

- Particular for the use of continuity strips within waterproof building components
- A combination of the COMAX® technology and our proven COMAX® Board system
- A coated joint strip FB 120 is used as a waterproofing
- Standard length 1.25 m; box height 30 mm
- COMAX® Type B with joint strip min. $b = 16 \text{ cm}$ max. $b = 48 \text{ cm}$



Item No.	Designation	Rebar \emptyset mm	Rebar centres e in cm	h cm	b cm	l cm
41299999	COMAX® WU Type B	Please share measurements when ordering				
30791634	AF 100 FB k=30 Splice plate welded on COMAX®					

COMAX® continuity strips

- 1.) Only for COMAX® P in stirrup widths: $b = 90, 120, 140, 170$ and 220 mm possible
- 2.) Double-shear as double angle (hook) also available in different steel diameters
- 3.) Type BA with bending roll 10 ds
- 4.) Element Width B (nominal value) COMAX® P: $B = 60, 80, 110, 140, 160, 190, 220, 240 \text{ mm}$ COMAX® Q / L: $B = 110, 140, 160, 190, 240 \text{ mm}$
- 5.) Stirrup Distance e COMAX® P and COMAX® Q / L: Stock items with $e = 15, 20$ and 25 cm
Special types with $e = \text{variable}$ (COMAX® L only in 5 cm grid)
- 6.) Element length L COMAX® P: Stock item with $L = 0.83, 1.25$ and 2.50 m Special types, any up to $L = 2.50 \text{ m}$
COMAX® Q / L: Stock item with $L = 1.25 \text{ m}$ Special types, any up to $L = 1.25 \text{ m}$
- 7.) Stirrup width b COMAX® P and COMAX® Q / L: $b = (\text{nominal width} - 20 \text{ mm})$ Special holes for all types on request

1.) The stirrups in the sheet are bent conically depending on the stirrup distance and length L