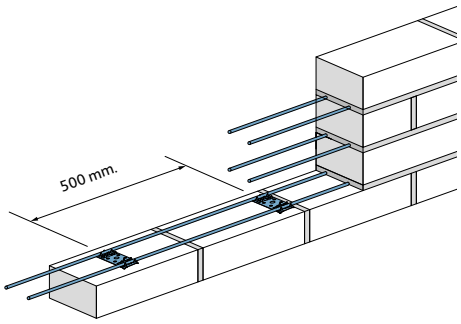
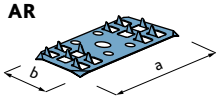
MASONRY REINFORCEMENT

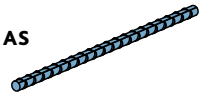


REINFORCEMENT SYSTEM BAUT®

AR



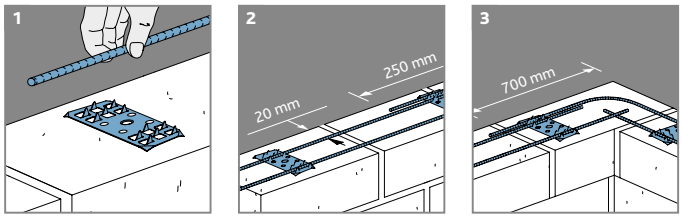
AS



MAKE	Thickness in mm	Dimensions mm	Material
AR - 01 - 1	1.0	72 x 30	zinc coating
AR - 01 - 2	1.0	72 x 30	1.4301

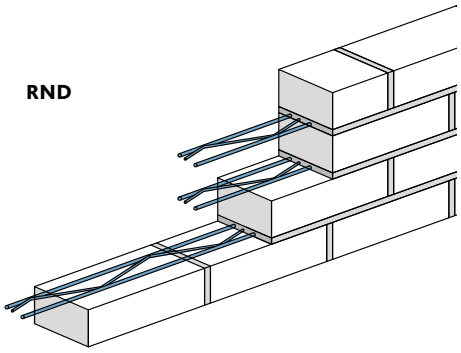
MAKE	Ø mm	Length in mm	Material
AS - 2,7	4.0	2700	zinc coating

REINFORCEMENT SYSTEM MOUNTING

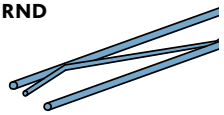


REINFORCEMENT MURFOR®
MADE BY NV BEKAERT SA

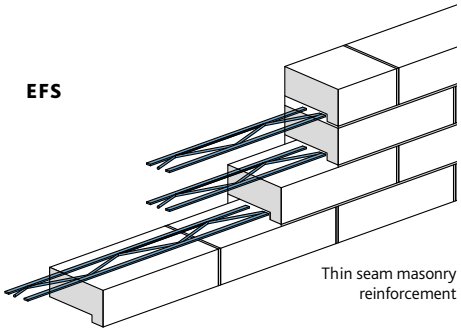
RND



RND

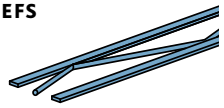


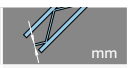
EFS



Thin seam masonry reinforcement

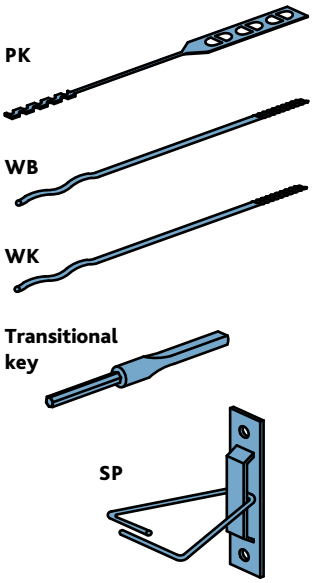
EFS



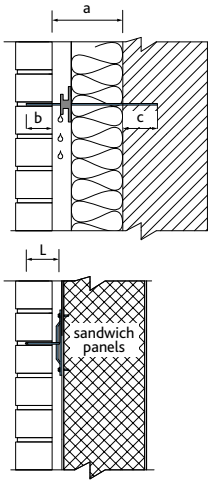
MAKE	Length in mm	 mm	 mm	 mm
RND/Z - 30	3.05	30	4	3.75
RND/S - 30	3.05	30	4	3.75
RND/Z - 50	3.05	50	4	3.75
RND/S - 50	3.05	50	4	3.75
RND/Z - 100	3.05	100	4	3.75
RND/S - 100	3.05	100	4	3.75
RND/Z - 150	3.05	150	4	3.75
RND/S - 150	3.05	150	4	3.75
RND/Z - 200	3.05	200	5	3.75
RND/S - 200	3.05	200	5	3.75
EFS/Z - 40	3.05	40	8 x 1.5	1.5
EFS/Z - 90	3.05	90	8 x 1.5	1.5
EFS/Z - 140	3.05	140	8 x 1.5	1.5
EFS/Z - 190	3.05	190	8 x 1.5	1.5

NOTE:
.../Z – zinc coating,
.../S – stainless steel

ANCILLARY COMPONENTS FOR MASONRY



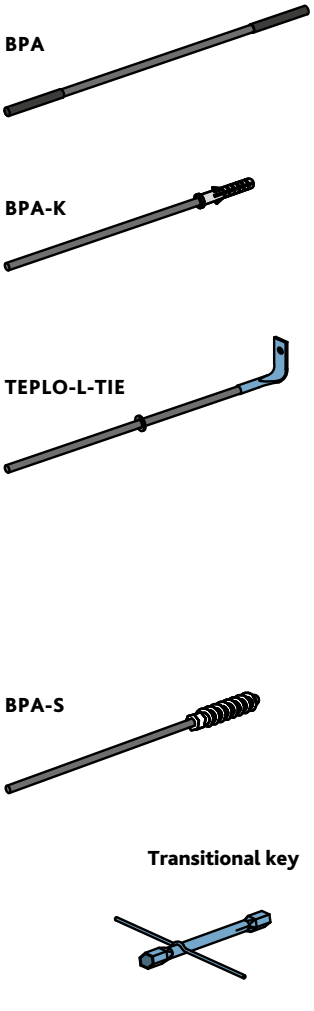
METAL ANCHORS



MAKE	Length L mm	Ø mm	a mm	b mm	c mm
PK 25	250	4	up to 100	70	110
PK 32	320	4	up to 170	70	110
WB 25	225	4	up to 105	60-70	50-70
WB 30	275	4	up to 155	60-70	50-70
WB 35	325	4	up to 205	60-70	50-70
WB 40	375	4	up to 255	60-70	50-70
WB 50	475	4	up to 355	70	50-70
WK 25	250	4	up to 130	70	50-70
WK 30	300	4	up to 180	70	50-70
SP-90	90*	4			

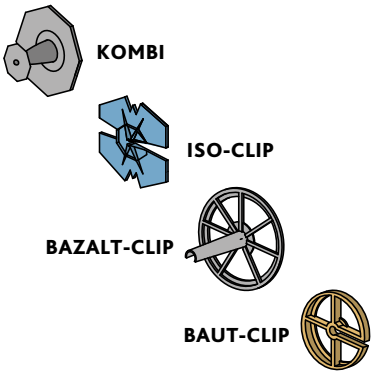
Material - stainless steel
*any length can be made by need
Material – stainless steel/zinc coated steel

BASALT FIBRE WALL TIES



Make	Length L mm	Ø mm	a mm	b mm	c mm
BPA-350	350	6	up to 180	80	80
BPA-400	400	6	up to 230	80	80
BPA-450	450	6	up to 280	80	80
BPA-500	500	6	up to 330	80	80
BPA-600	600	6	up to 380	80	80
BPA-650	650	6	up to 430	80	80
BPA-K-300	300	6	up to 130	80	50
BPA-K-320	320	6	up to 150	80	50
BPA-K-350	350	6	up to 180	80	50
BPA-K-400	400	6	up to 230	80	50
BPA-K-450	450	6	up to 280	80	50
Teplo-L-5-165	165	5	up to 100	60	-
Teplo-L-5-190	190	5	up to 125	60	-
Teplo-L-5-215	215	5	up to 150	60	-
Teplo-L-5-240	240	5	up to 175	60	-
Teplo-L-5-265	265	5	up to 200	70	-
Teplo-L-7-290	290	7	up to 225	70	-
Teplo-L-7-315	315	7	up to 250	70	-
Teplo-L-7-340	340	7	up to 275	70	-
Teplo-L-7-365	365	7	up to 300	70	-
BPA-S-200	200	6	up to 30	70	100
BPA-S-300	300	6	up to 130	70	100
BPA-S-350	350	6	up to 180	70	100
BPA-S-450	450	6	up to 280	70	100

ANCILLARY COMPONENTS FOR MASONRY

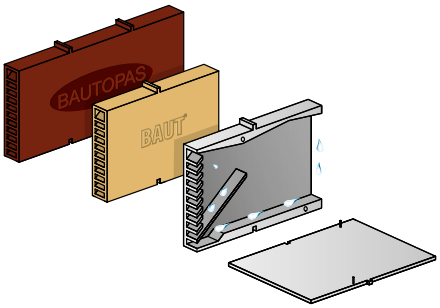


SPACERS

MAKE	Diameter of spacer mm	Diameter of anchor mm	Used with anchors
KOMBI	60	3,6-4,2	WB, WK
ISO-CLIP	65	3,6-4,2	PK, WB, WK
BAZALT-CLIP	80	6	BPA, BPA-K, BPA-S
BAUT-CLIP	45	5-7	BPA, BPA-K, BPA-S

EXPANSION PLUG

MAKE	Length mm	Drill diameter mm	Diameter of anchor mm
BV 6 x 50	50	6	4
ML 6 x 60	60	6	4
SX 8 x 65 L	65	8	4 - 6



VENTILATION BOXES

MAKE	Dimensions mm	Masonry thickness mm	Material
BAUTOPAS	115 x 60 x 12	115-120	Polystyrol PS
BAUT	80 x 60 x 12	85-90	Polystyrol PS

COLOR: White, Light gray, Dark gray, Sandy, Brown, Black

SELF-EXPANDING IMPREGNATED JOINT SEALING TAPE

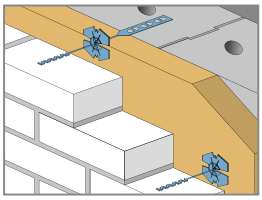
MAKE	Joint width mm	Roll length m	Material
illmod 600 15/8-15	8 - 15	3,3	Polyurethane PU

COLOR: Anthracite, Gray

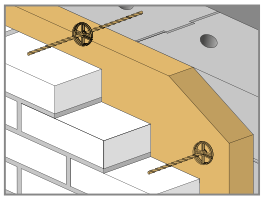
MASONRY COMPONENTS MOUNTING

Brick veneer should be reliably connected to a carrying wall structure. Brickwork is continuously exposed to weather elements, the essential of which are wind load and thermal expansion due to sunlight. Therefore, the anchors connecting the decorative and the load-bearing layers of the structure should meet the following essential requirements: resistance to compression and pulling, and a certain degree in elasticity allowing insignificant movement of the facing layer in respect of the load-bearing one. Stainless steel anchors and basalt fibre wall ties satisfy all these requirements.

USE OF ANCHORS AND TIES IN MASONRY WALL CONSTRUCTION PROCESS



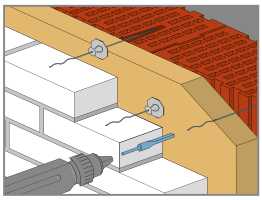
Installation of anchors PK



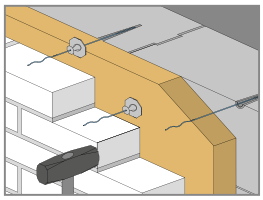
Basalt fibre ties BPA mounting

Used at the same time when building the supporting construction and decoration masonry

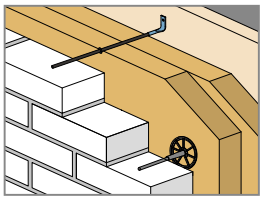
ATTACHING TO THE EXISTING WALL CONSTRUCTION



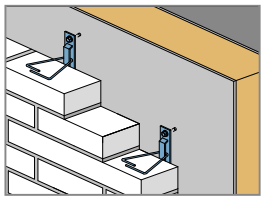
Installation of anchors WK



WB and BPA-K anchors mounting

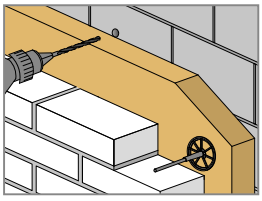


Teplo-L-Tie basalt fiber ties mounting

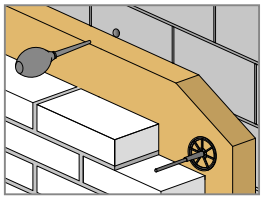


Ties SP attachement to the sandwich panel and metal constructions.

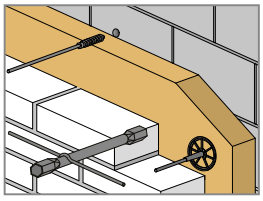
INSTALLATION OF BPA-S ANCHORS TO AERATED CONCRETE



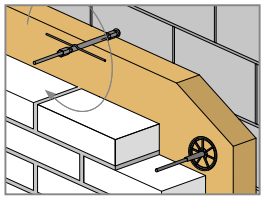
Drill the hole in the wall: diameter of drillbit - 10 mm; depth of the hall - 100 mm



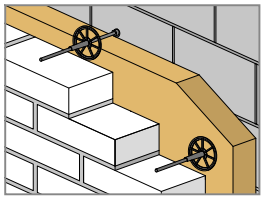
Clear the hole from dust



To set the anchor use a special key

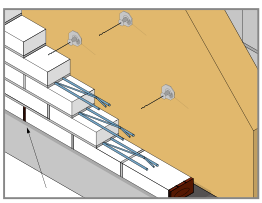


To twist the anchor all the way up to fully absconding in to the aerated blocks

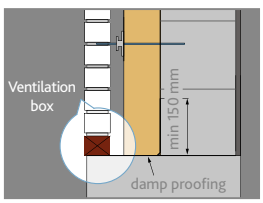


In case of insulation, anchors are used with spacers, which are closely pressing the insulation to the wall

INSTALLATION OF VENTILATION BOXES



ventilation boxes every 3 bricks



- 2 rows of boxes in the building of up to two floors (at the bottom – within the first row of brickwork and at the top – within the last one)
- 1 additional row of boxes per every second floor in multi-storey buildings
- Additional ventilation boxes should be installed above and under openings
- Boxes should be installed in vertical joints of brickwork as follows: 1 ventilation box per 2 to 3 bricks