

beyma //

FR-215WR

FULL RANGE 2 WAY SYSTEM 2 X 15"

2 X 15WR400 / 15WRS400

CD314Nd/Fe

TD-365



ENCLOSURE RECOMMENDED DESIGN

www.beyma.com



TECHNICAL SPECIFICATIONS

Frequency response (+/-3dB)	65Hz-18KHz
Usable bandwidth (-10dB)	50Hz-19KHz
Maximum SPL(*)	130dB
Sensitivity 1W@1m	95dB
HxV Coverage angle (-6dB)	60°x50° rotatable
Transducers LF	2X 15WR400/15WRS400
Transducers HF	CD314Nd/Fe
AES Power Handling	800
Nominal impedance	4Ω
Connectors	2xNL4
Box dimensions (**)	460 x 1124 x 446.23 (Birch Plywood 15/9mm)
(*) Peak level at 1m under free field conditions usin pink noise with 6dB crest factor	
(**) All dimmensions in millimeters	

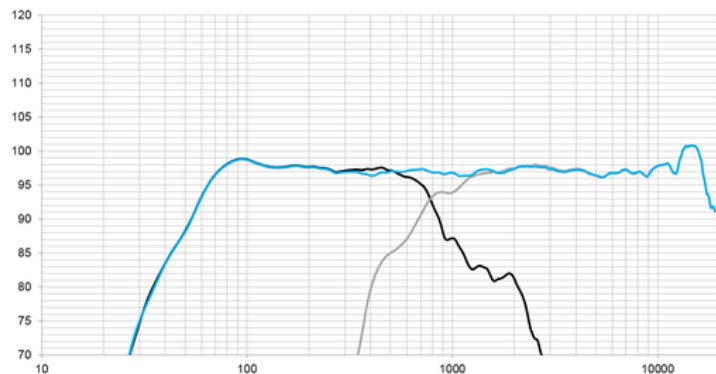


PRESSETS

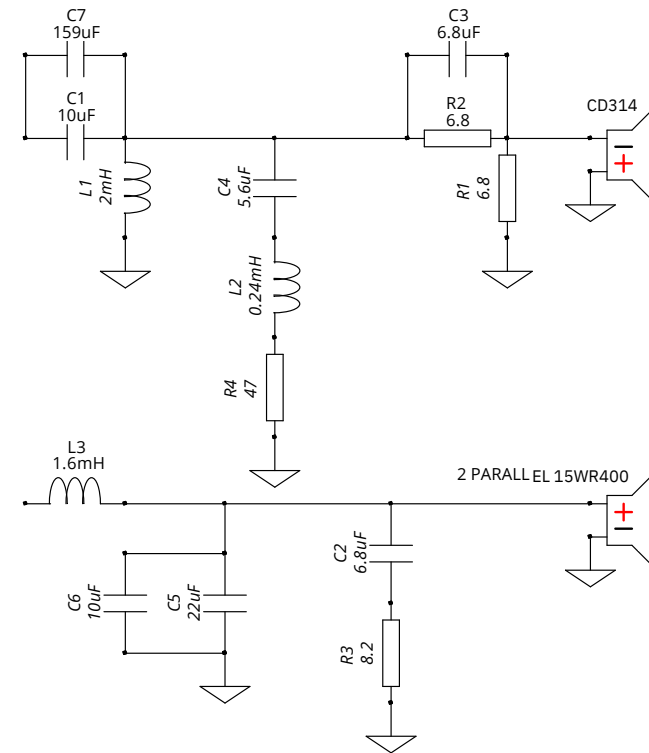
FR-215WR	f(Hz)	Q	Gain(dB)
-	130	5	2,5
-	160	2,5	-2,5
-	425	9	3
-	580	2	-3,1
-	1000	1,6	7,5
-	1010	6	-7
-	3700	2,9	-1,5
LIMITER	Thres (dBu)	Attack (ms)	Release (ms)
PEAK	13,3	8	128

* for 32dB gain amplifier
* frequency response graph CD314Nd/Ti with TD365 horn

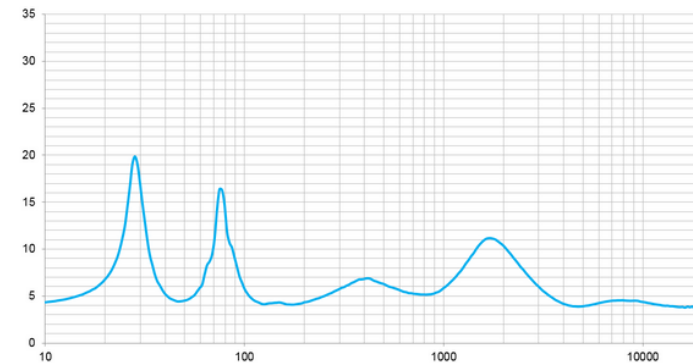
FREQUENCY RESPONSE



PASSIVE CROSSOVER DESIGN



IMPEDANCE



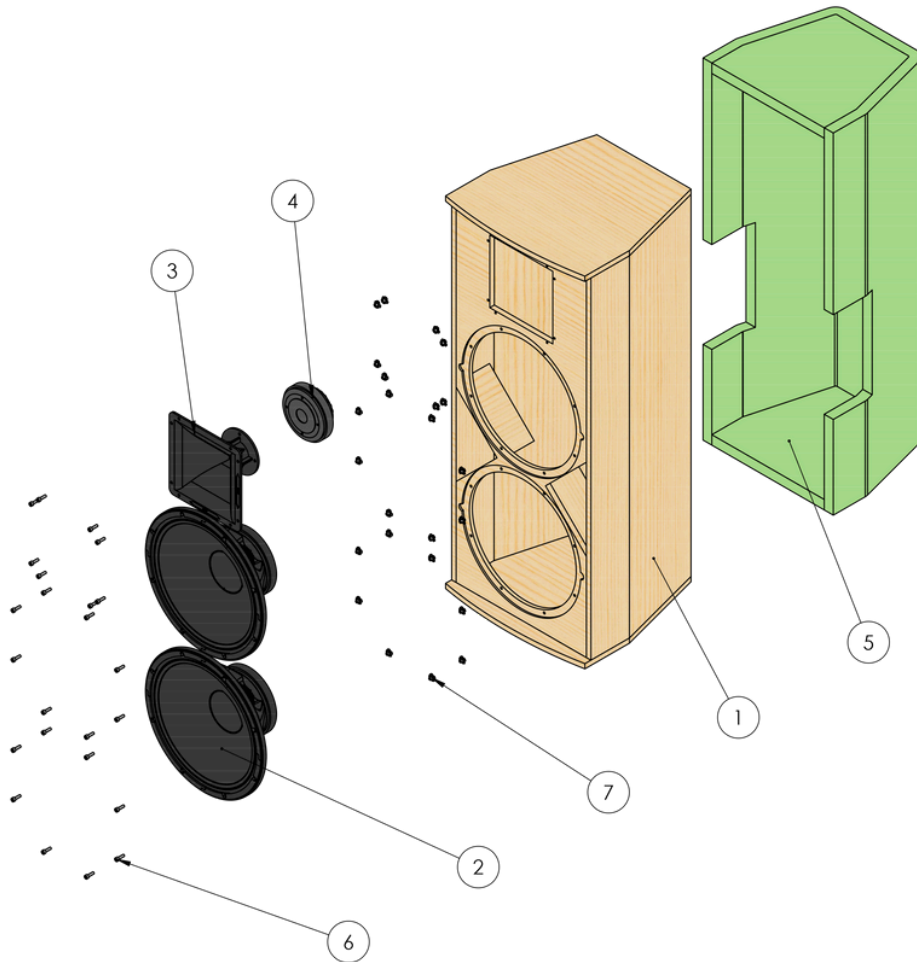


GENERAL VIEW WITH COMPONENTS





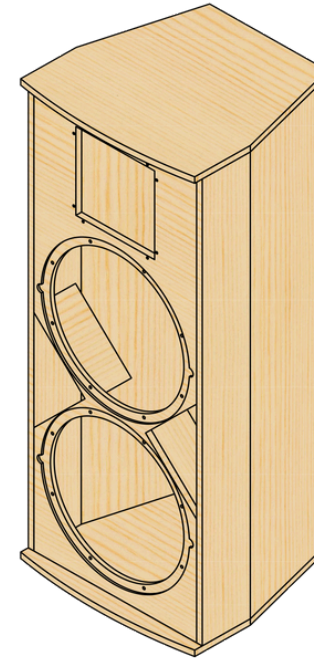
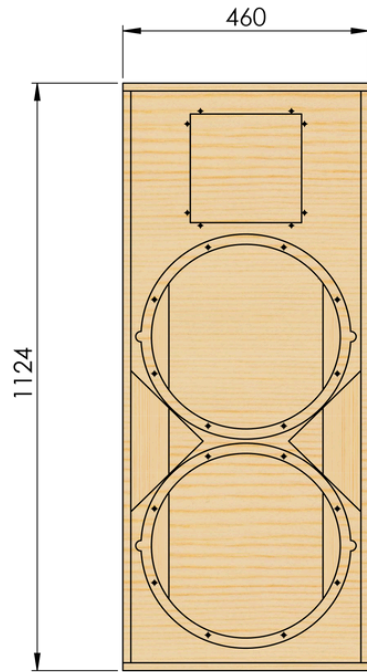
EXPLODED VIEW WITH COMPONENTS



ELEMENT NUMBER	PIECE NUMBER	QUANTITY
1	FR-215WR	1
2	15WR400 / 15WRS400	2
3	TD365	1
4	CD314Nd/Fe	1
5	DAMPING MATERIAL	1
6	SCREW DIN 912 M6x20	24
7	NUT DIN1624 - M6	24

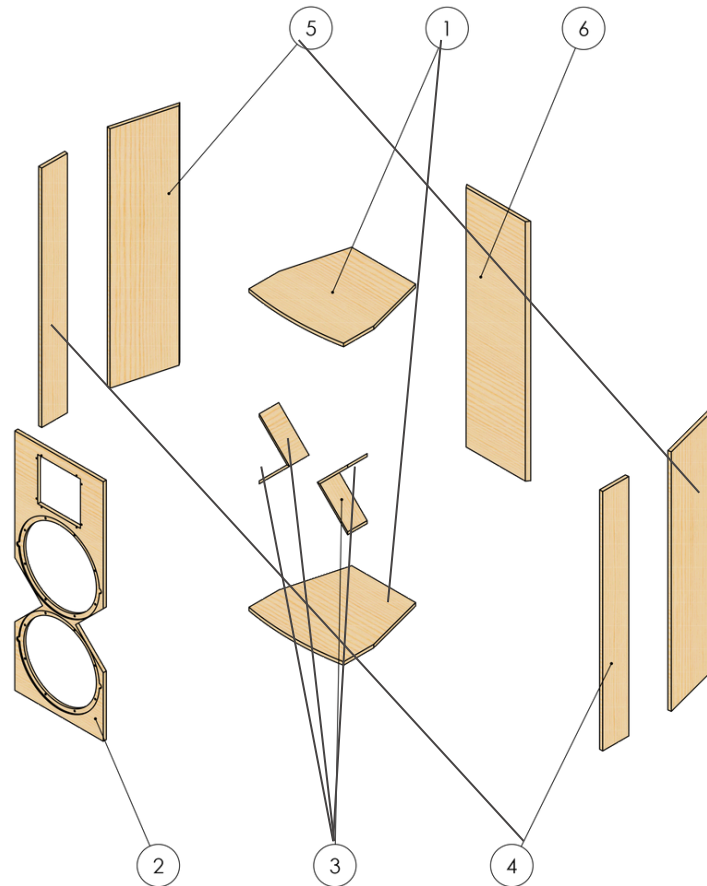
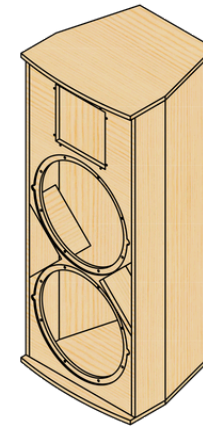


GENERAL VIEW





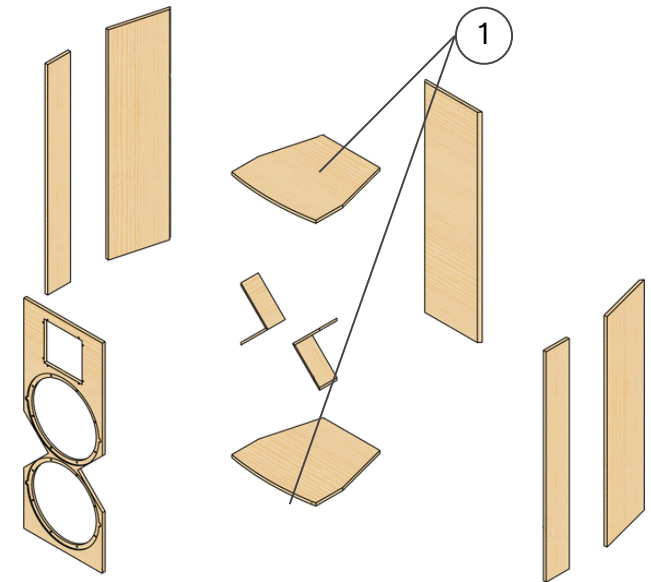
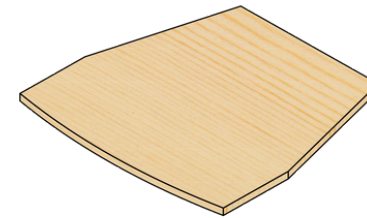
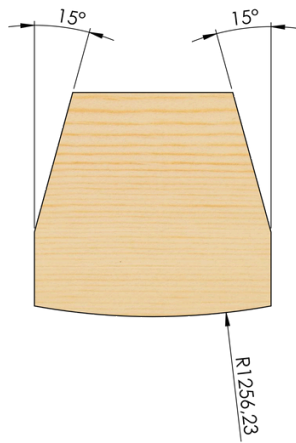
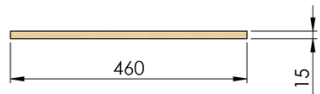
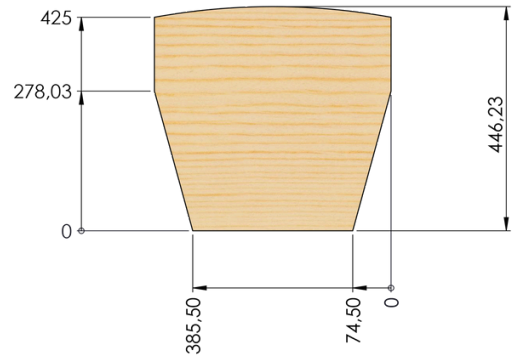
EXPLODED VIEW



ELEMENT NUMBER	PIECE NUMBER	QUANTITY
1	TOP & BOTTOM PARTS	2
2	FRONT PANEL	1
3	REFLEX	4
4	SIDE_1	2
5	SIDE_2	2
6	BACK PANEL	1

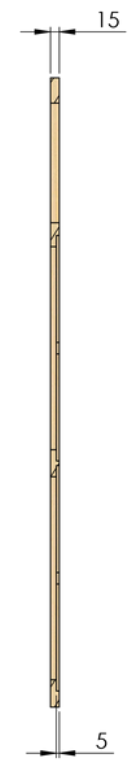
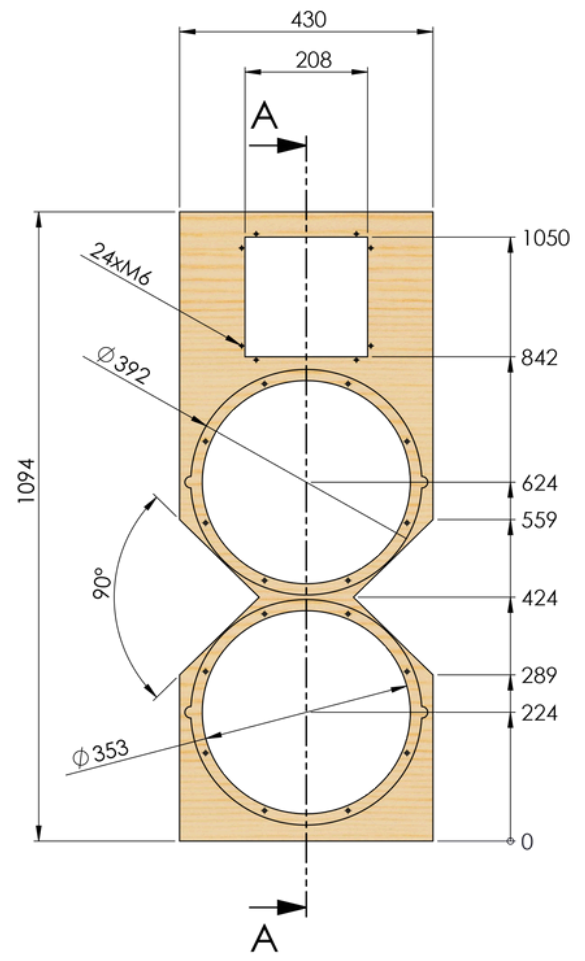


TOP & BOTTOM PARTS

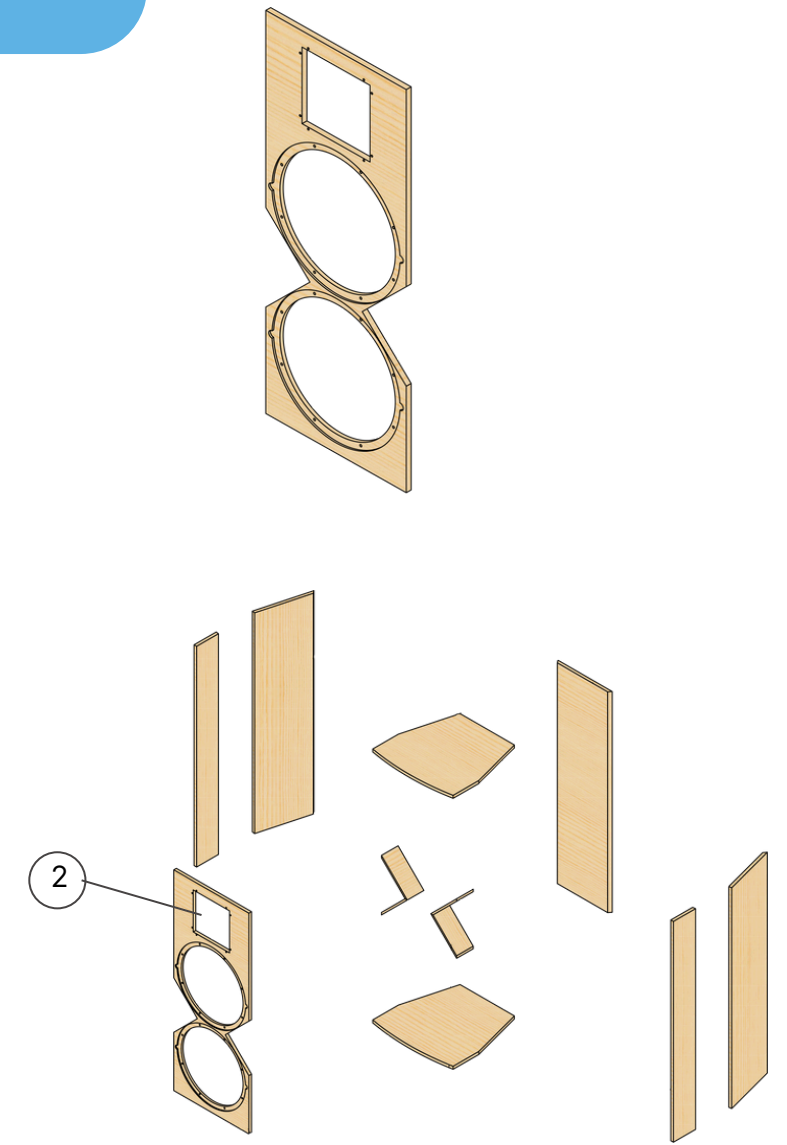




FRONT PANEL

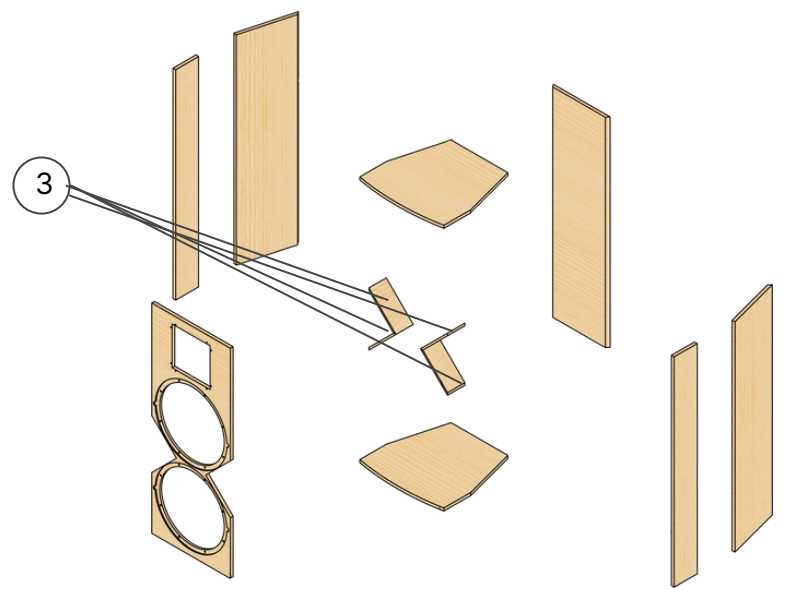
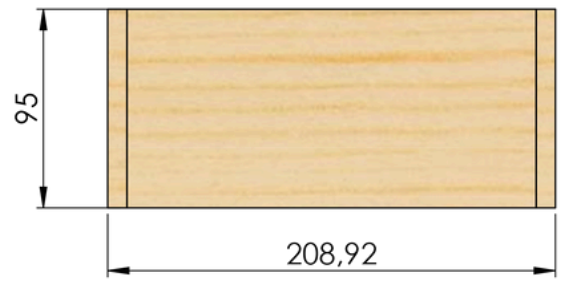
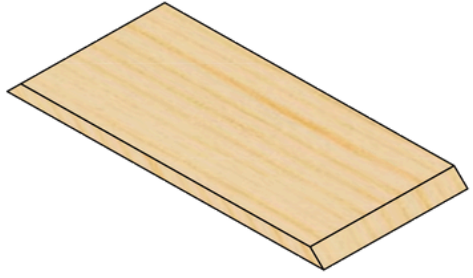
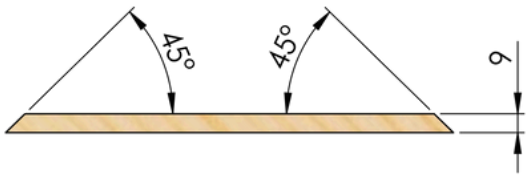


SECTION A-A



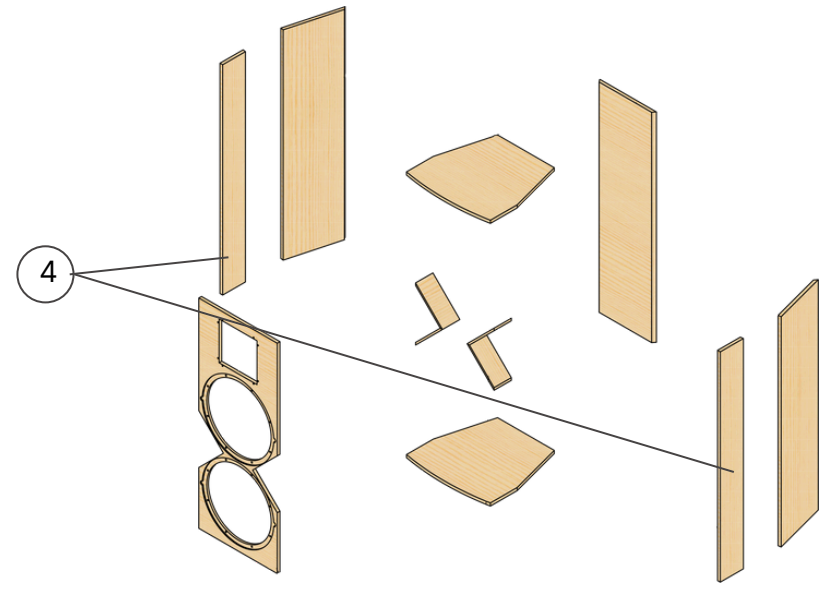
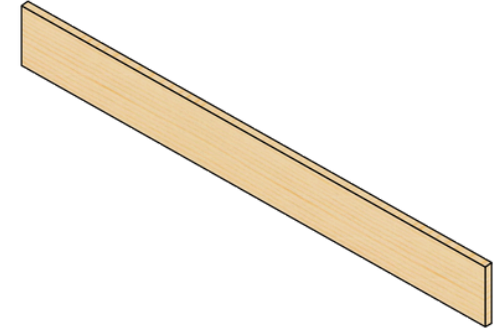
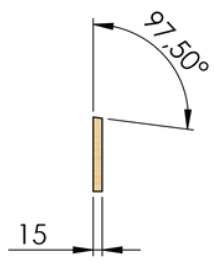
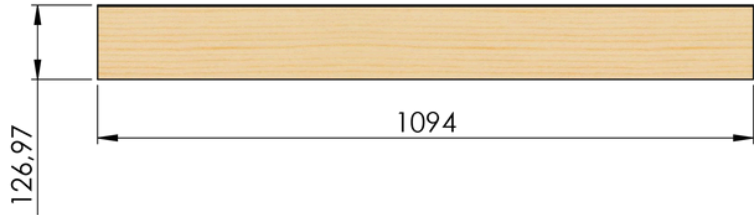


REFLEX



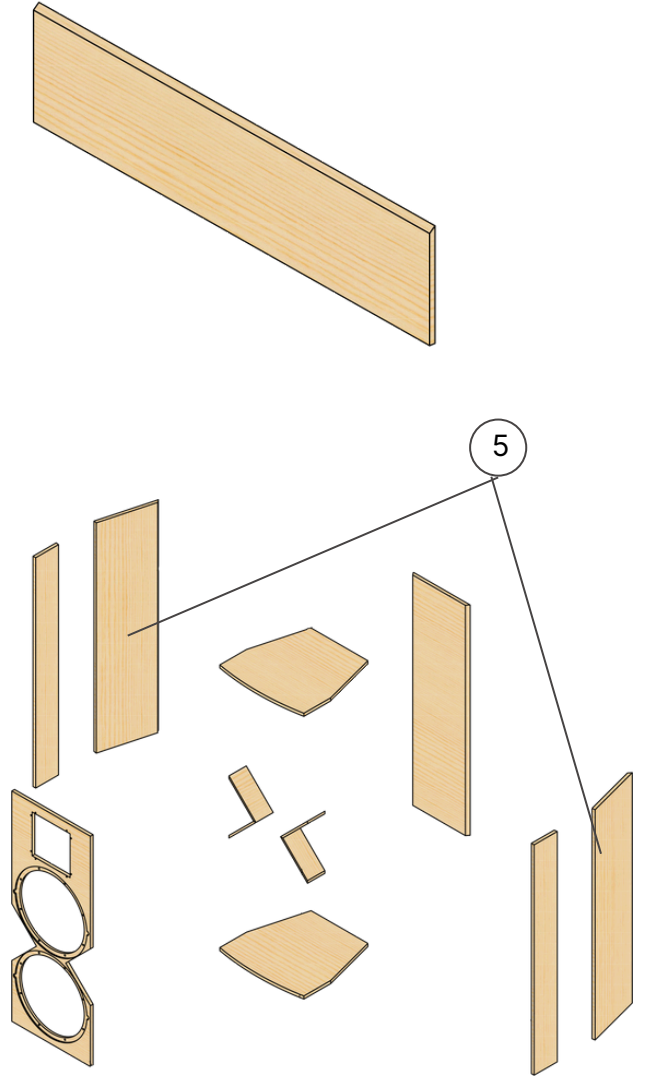
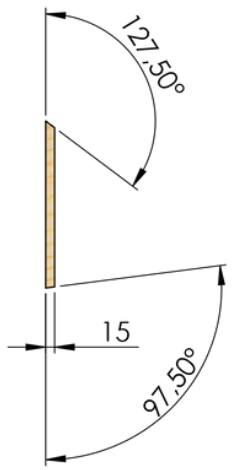


SIDE 1



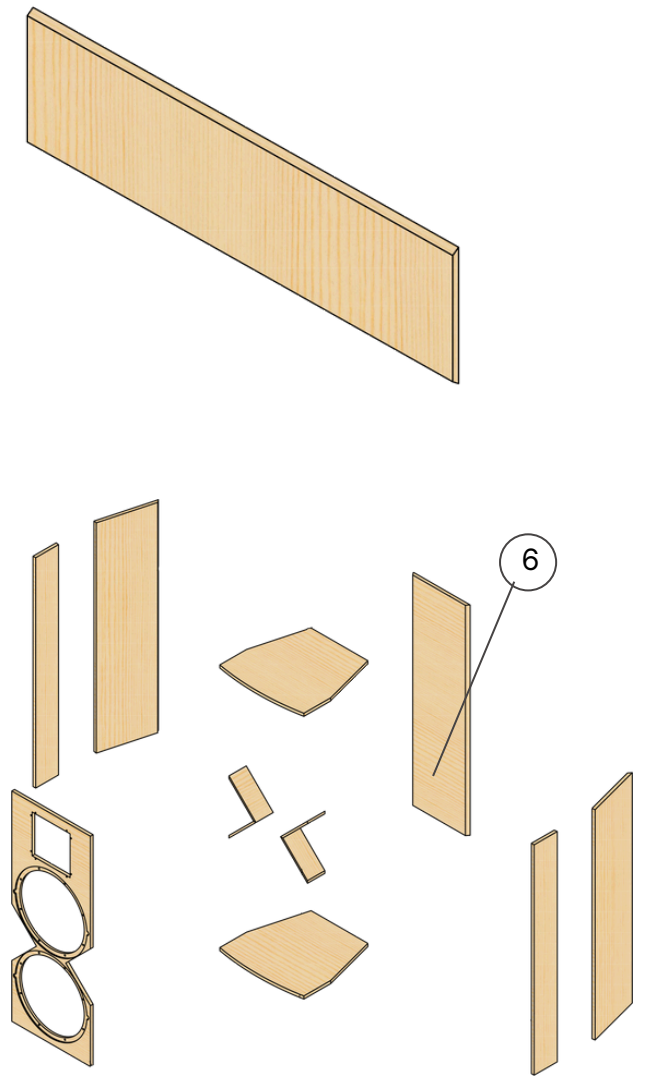
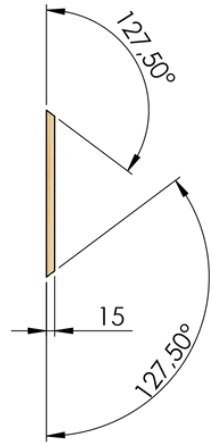
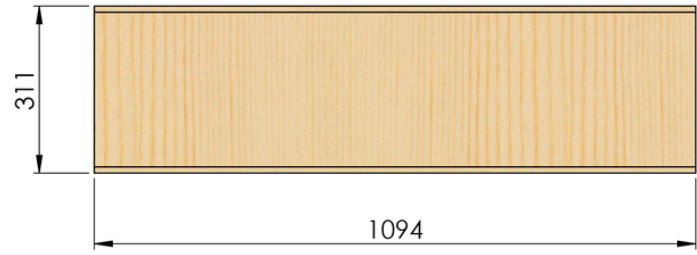


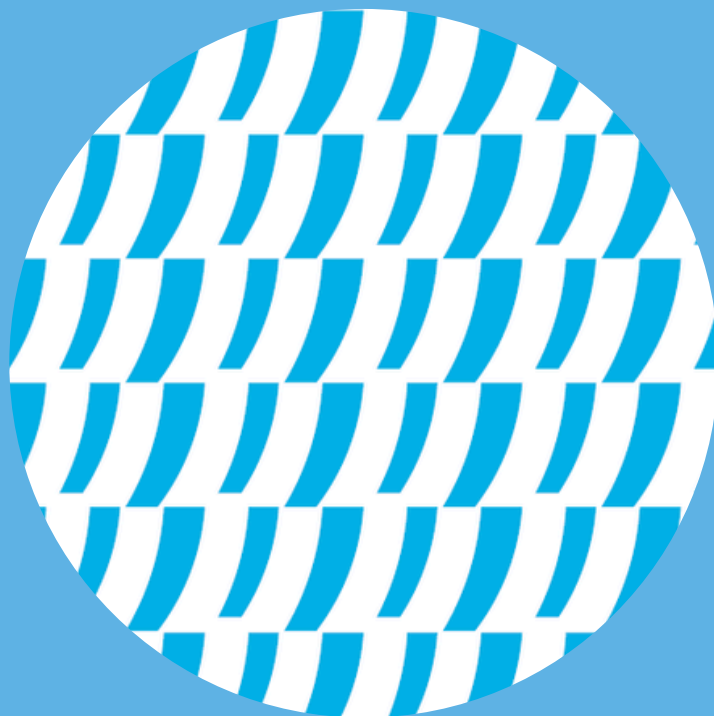
SIDE 2





SIDE 3





LET'S TALK

www.beyma.com