

FR-12MC

FULL RANGE 2 WAY SYSTEM 12"

12MC500 / 12MCS500

CD2514Nd/Fe

TD-365



ENCLOSURE RECOMMENDED DESIGN

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TECHNICAL SPECIFICATIONS

Frequency response (+/-3dB)	75Hz-20KHz
Usable bandwidth (-10dB)	65Hz-22KHz
Sensitivity 1W@1m	98dB
HxV Coverage angle (-6dB)	60°x50° rotatable
Transducers LF	12MC500/12MCS500
Transducers HF	CD2514Nd/Fe
AES Power Handling	500
Nominal impedance	8Ω
Connectors	2xNL4
Box dimmensions (*)	340 x 610 x 316.6 (Birch Plywood 15/9mm)
(*) All dimmensions in millimeters	

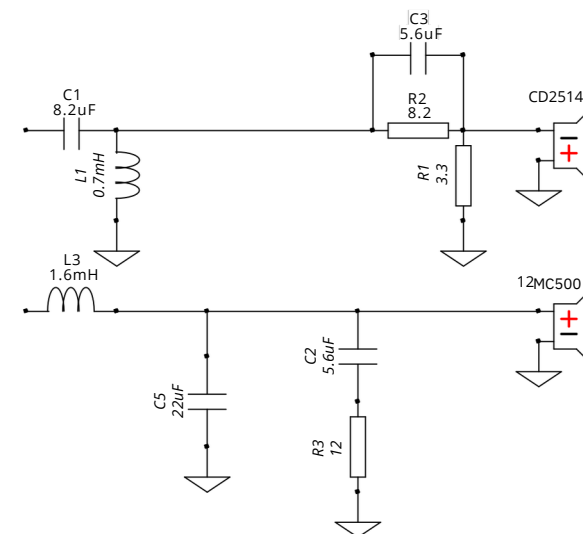


PRESETS

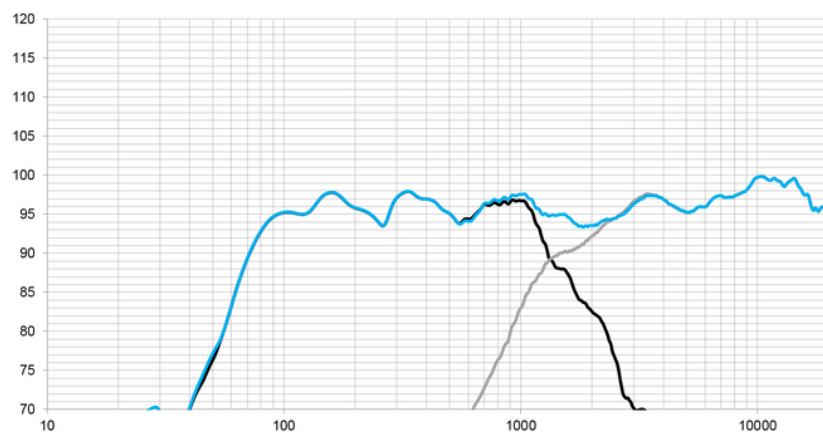
FR-12MC	f(Hz)	Q	Gain(dB)
-	150	1,1	5
-	500	0,6	-2,5
-	18000	1,2	4
LIMITER*	Thres (dBu)	Attack (ms)	Release (ms)
PEAK	9,2	8	128

* for 32dB gain amplifier
 * frequency response graph CD2514Fe/Ti with TD365 horn

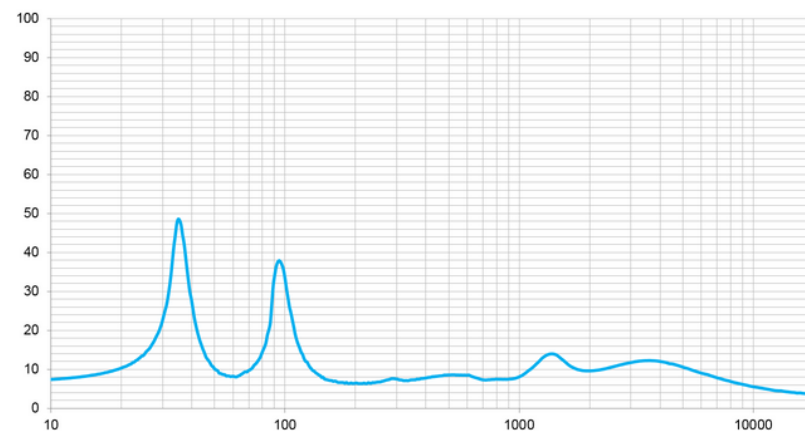
PASSIVE CROSSOVER DESIGN



FREQUENCY RESPONSE

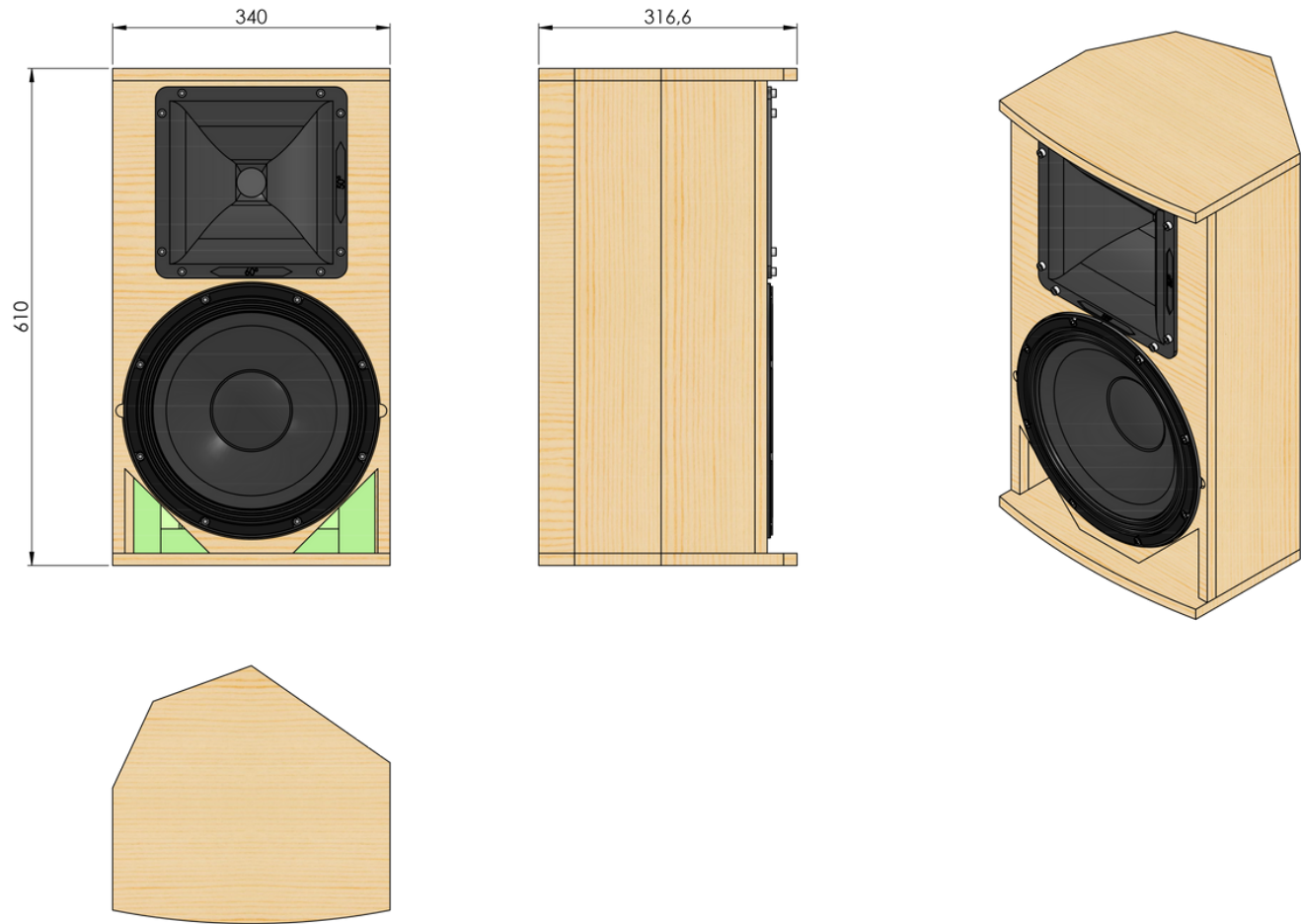


IMPEDANCE

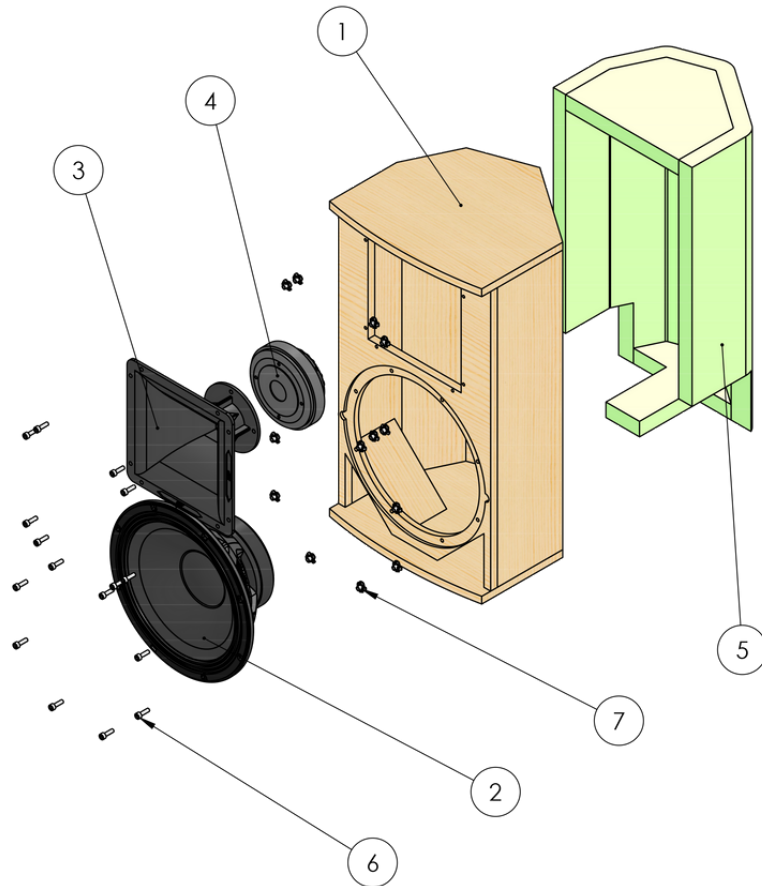




GENERAL VIEW WITH COMPONENTS

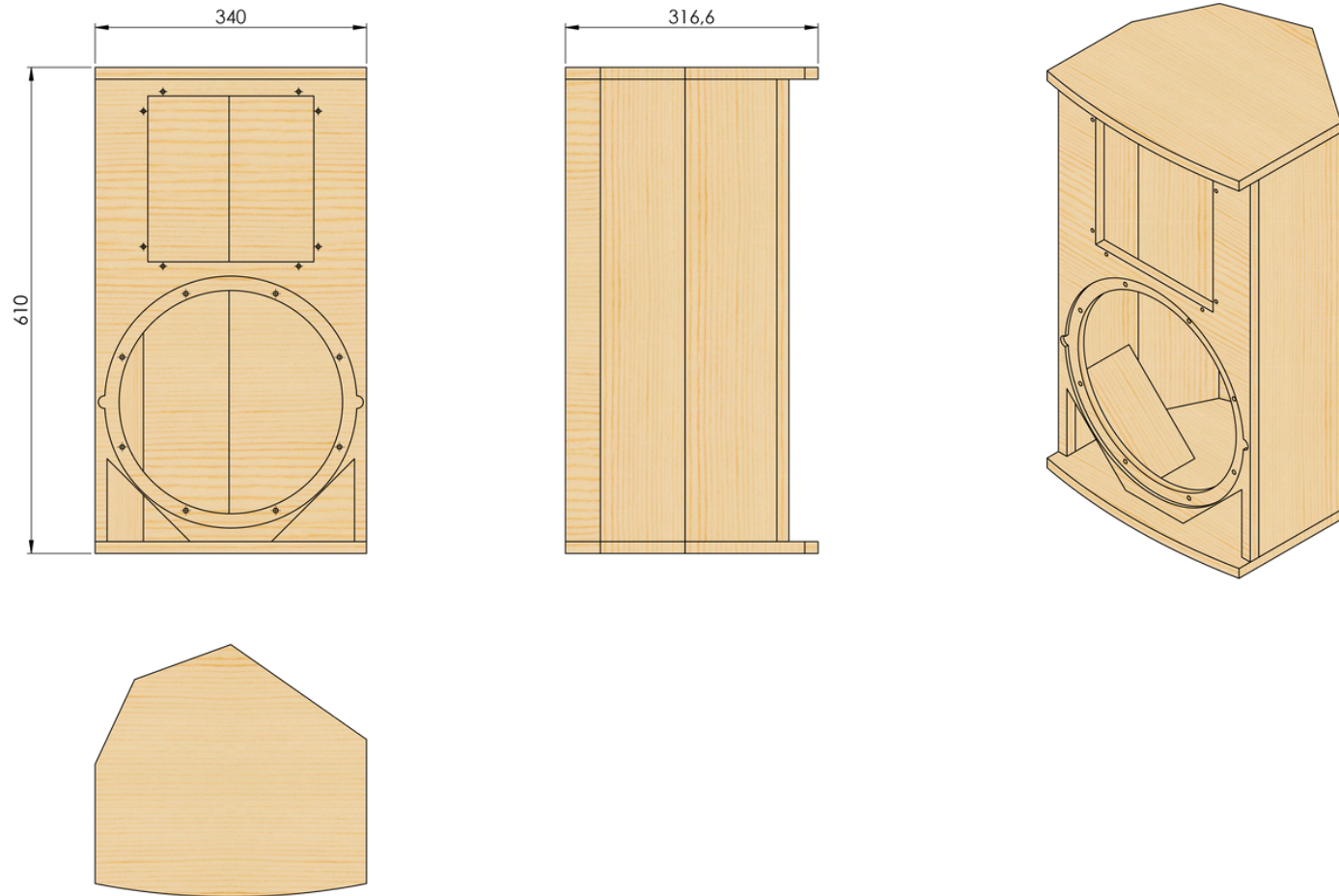


EXPLODED VIEW WITH COMPONENTS

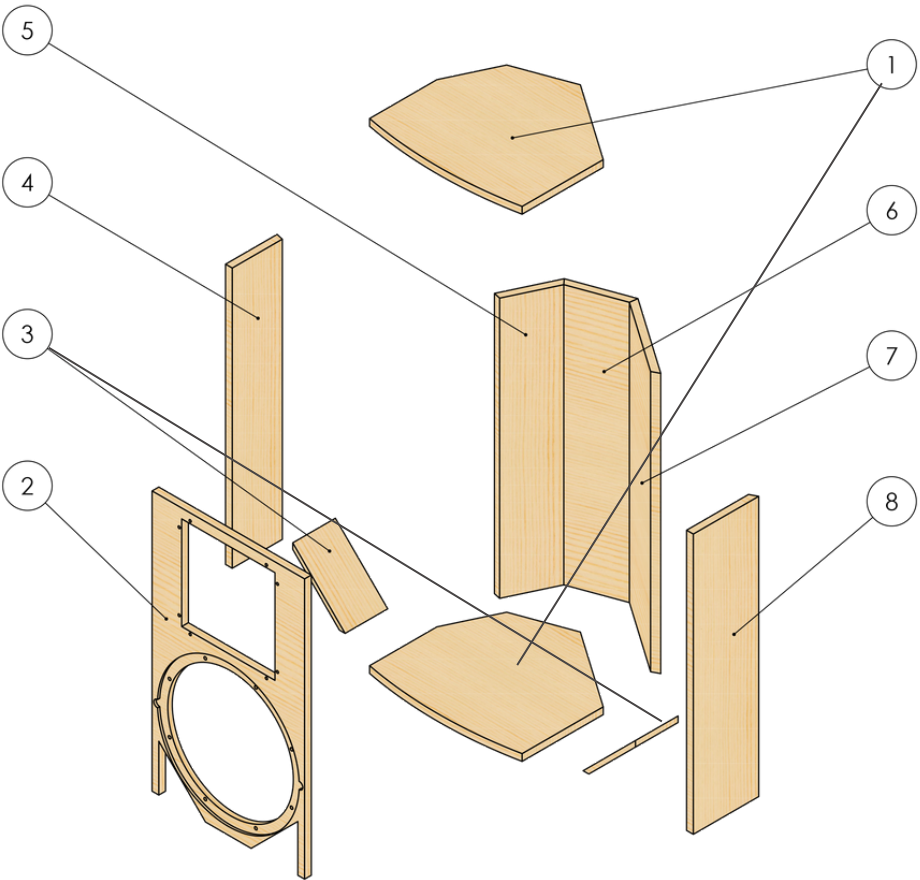
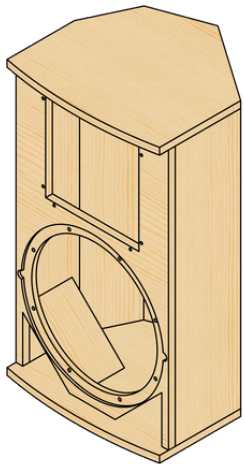


ELEMENT NUMBER	PIECE NUMBER	QUANTITY
1	FR-12MC	1
2	12MC500-MCS	1
3	TD-365	1
4	CD-2514Nd/Fe	1
5	FR-12MC DAMPING MATERIAL	1
6	SCREW DIN 912 M6x20	16
7	NUT DIN1624 - M6	16

GENERAL VIEW

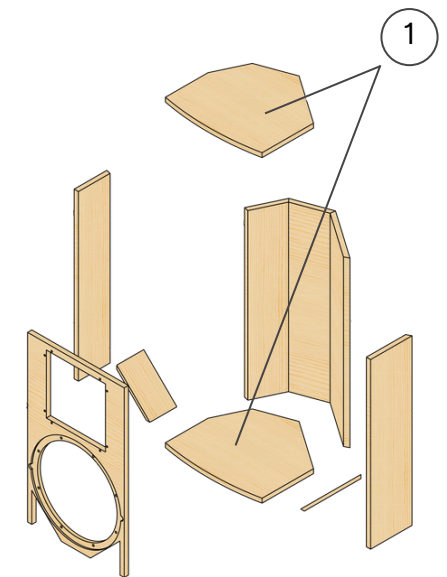
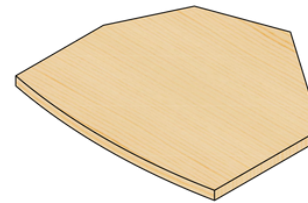
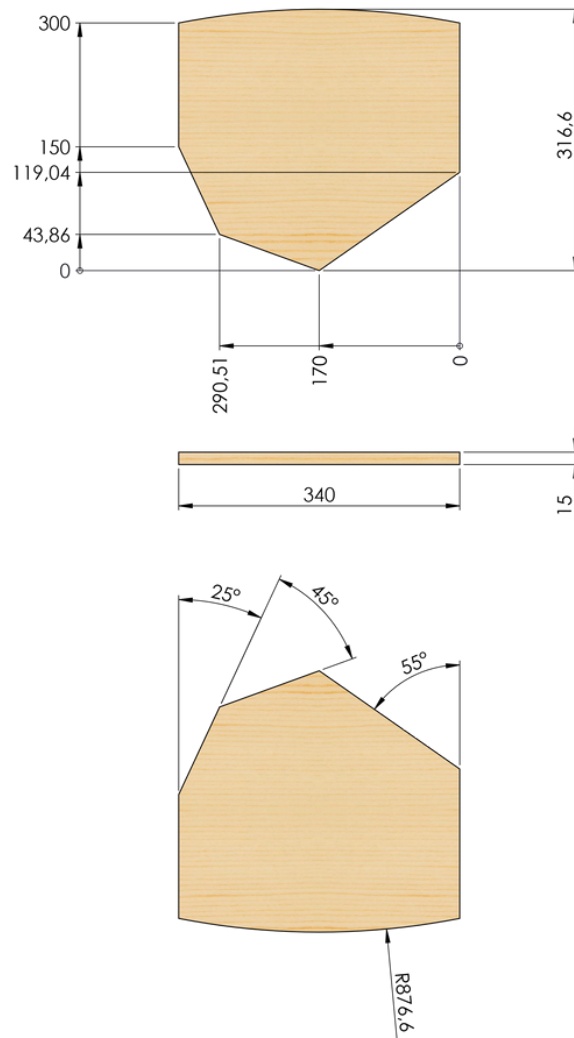


EXPLODED VIEW

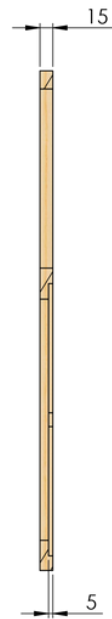
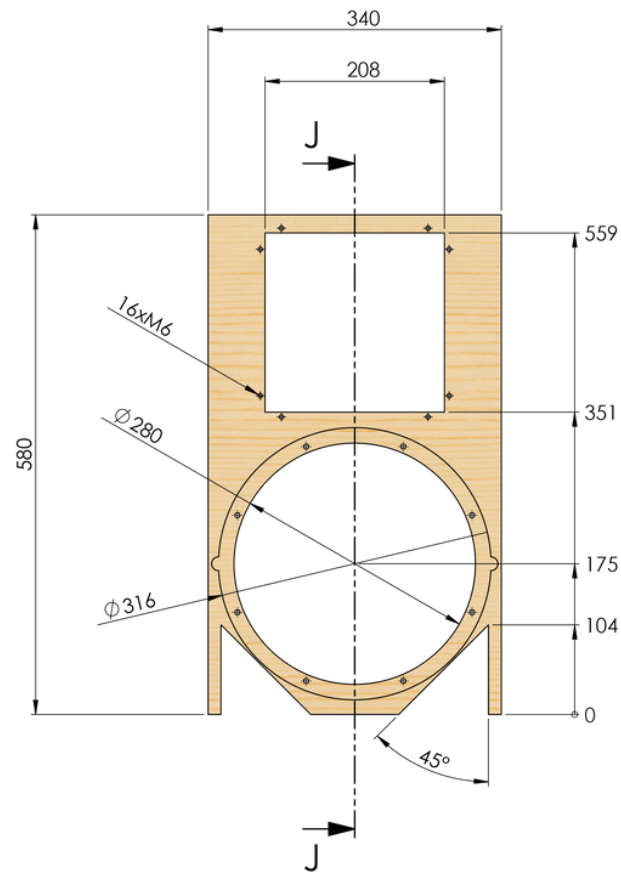


ELEMENT NUMBER	PIECE NUMBER	QUANTITY
1	TOP & BOTTOM PARTS	2
2	FRONT PANEL	1
3	REFLEX	2
4	SIDE_1	1
5	SIDE_2	1
6	SIDE_3	1
7	SIDE_4	1
8	SIDE_5	1

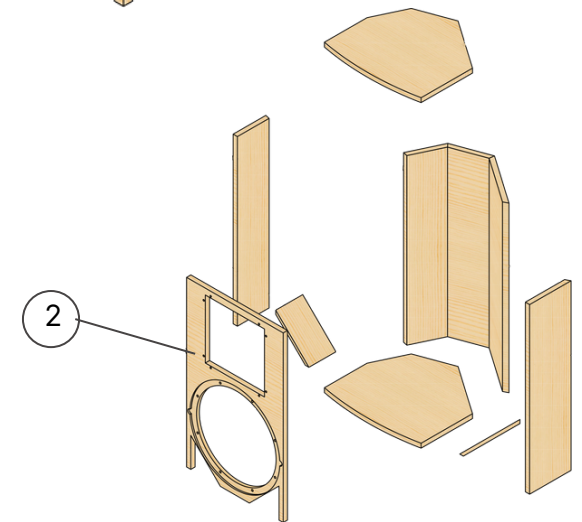
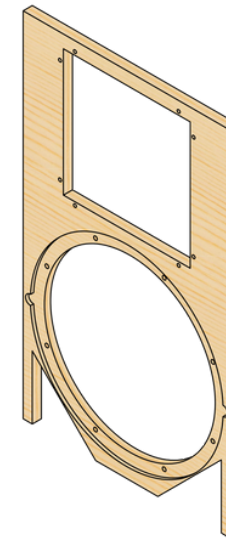
TOP & BOTTOM PARTS



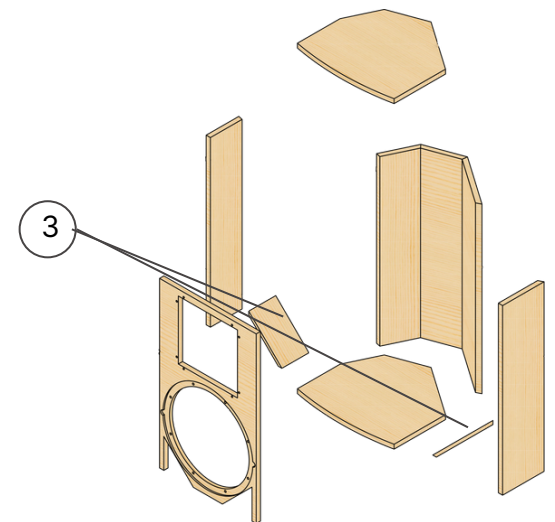
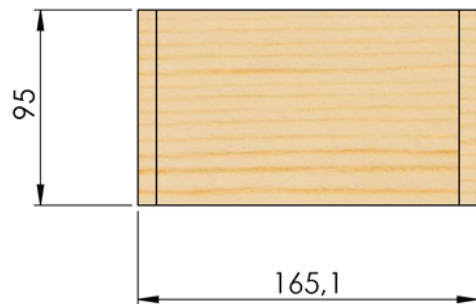
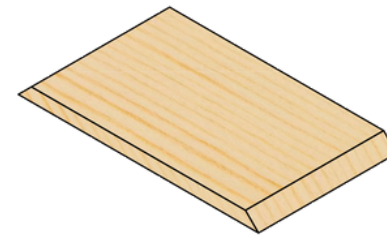
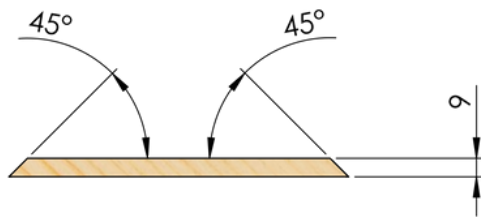
FRONT PANEL



SECTION J-J

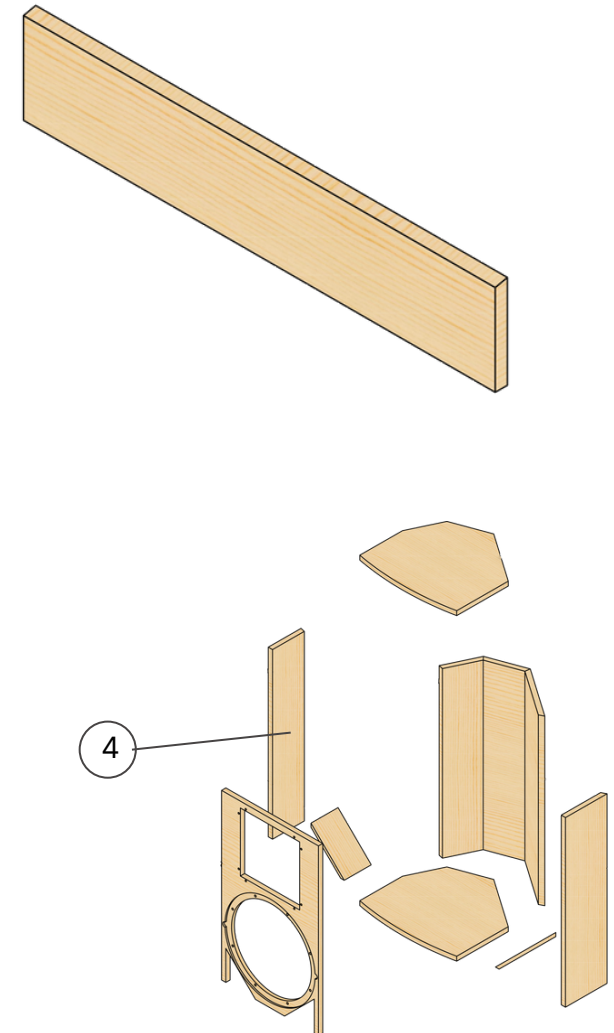
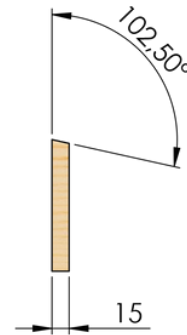


REFLEX



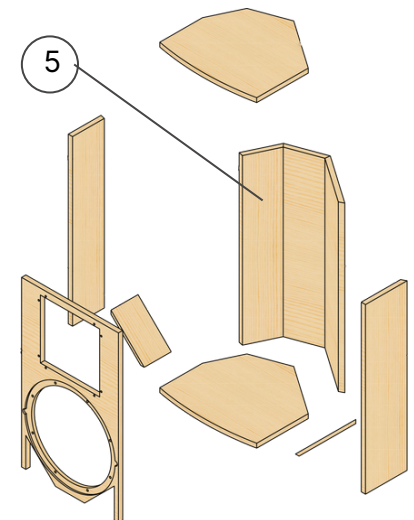
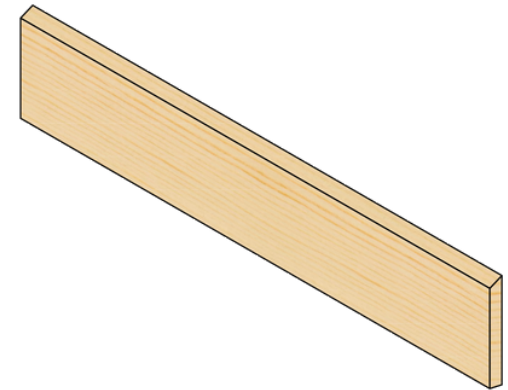
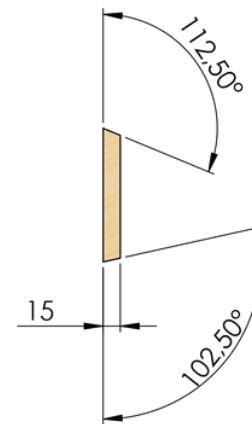


SIDE 1



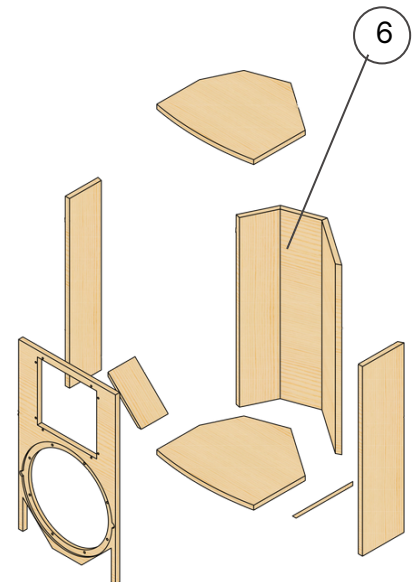
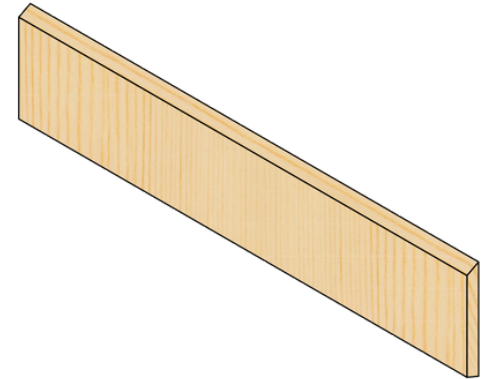
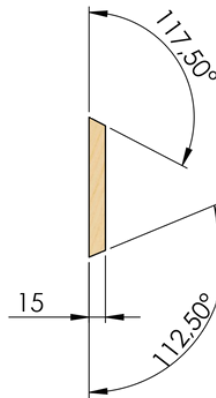
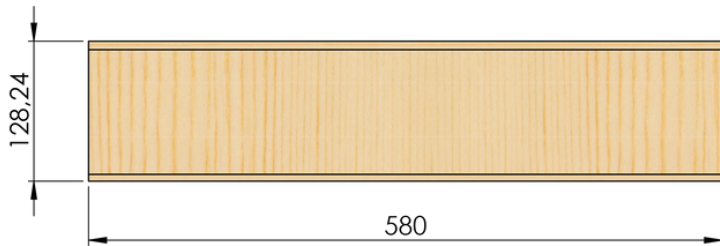


SIDE 2



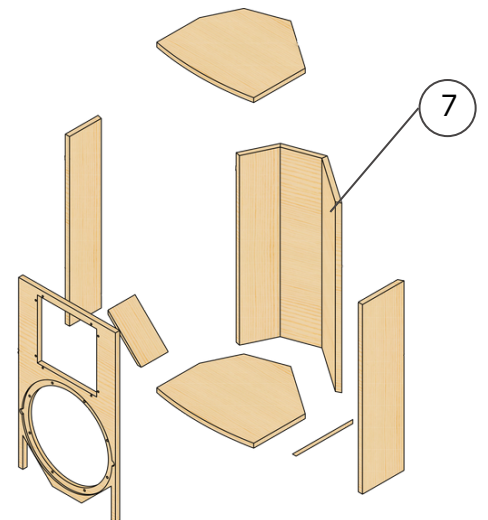
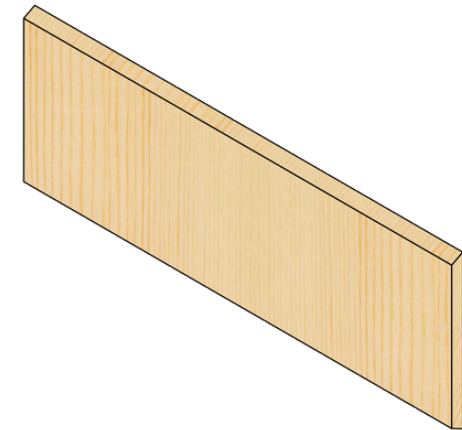
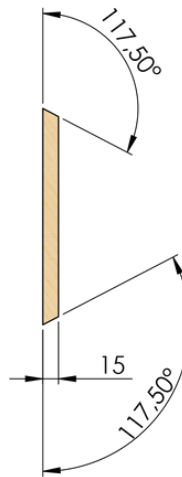


SIDE 3

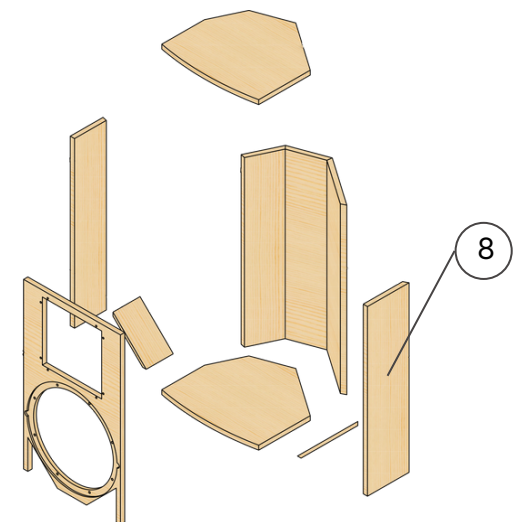
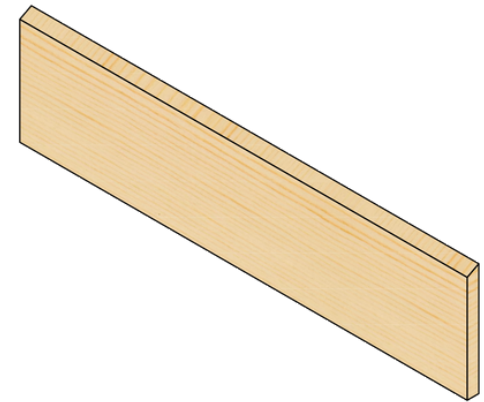
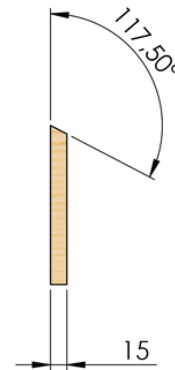


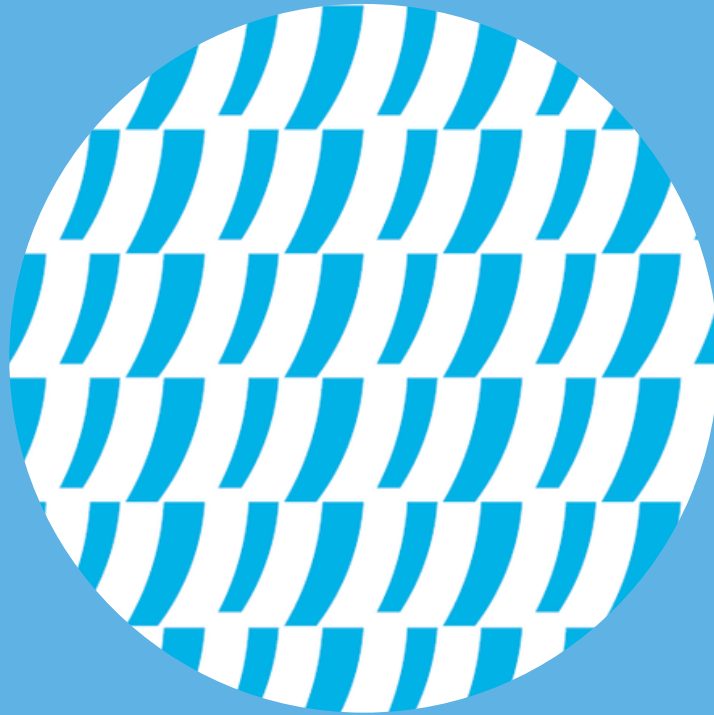


SIDE 4



SIDE 5





LET'S TALK

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