

beyma  **FR-12CM**

FULL RANGE 2 WAY SYSTEM 12"
12CMV2 - CD11Fe - TD-194



TECHNICAL SPECIFICATIONS

Frequency response (± 3 dB)	56 Hz - 20 kHz
Usable bandwidth (-10 dB)	38 Hz - 20 kHz
Maximum SPL (*)	127 dB
Sensitivity 1W@1m	96 dB
HxV Coverage angle (-6 dB)	90°x40° rotatable
Transducers LF:	12CMV2
Transducers HF:	CD-11Fe coupled to TD-194
AES power handling:	320 W
Nominal impedance:	8 Ω
Connectors:	2 x NL4
Box Dimensions (**)	370 x 370 x 630 (Birch Plywood 15mm)
(**) Peak level at 1 m under free field conditions using pink noise with 2 crest factor (6 dB). (**) All dimensions in this files are in millimeters.	

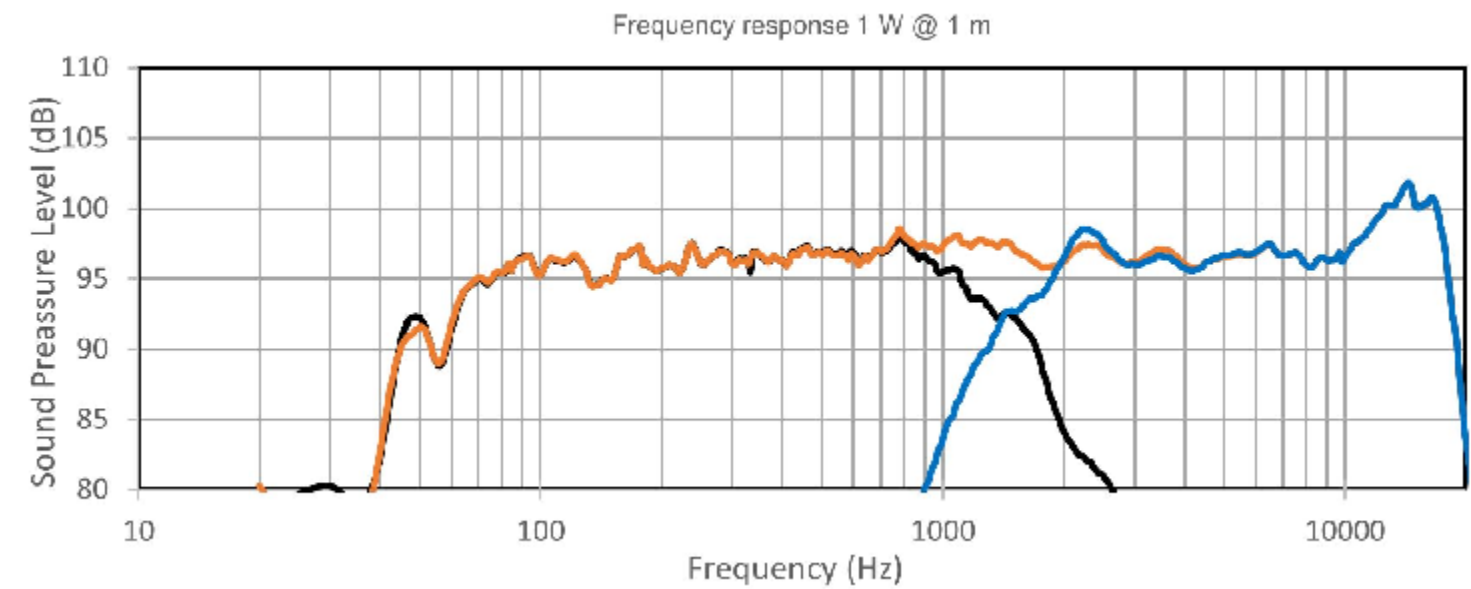


PRESETS

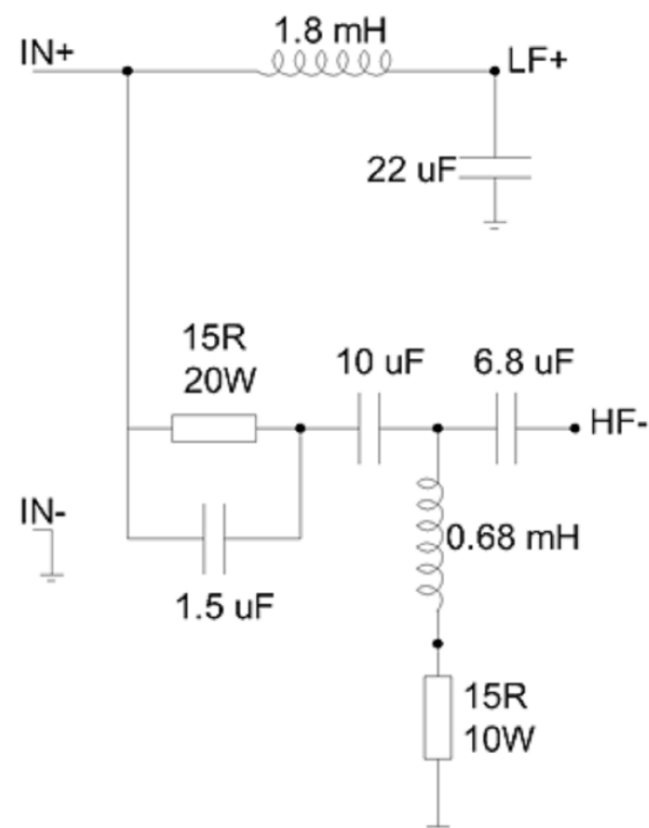
FR-12CM	f (Hz)	Q	Gain (dB)
1	98	0,75	3,5
2	265	2,6	-2
3	795	1	-2
4	1680	3,8	2,5
LIMITER (*)	Threshold	Attack	Release
	4 dBu	17 ms	196 ms

**for 32 dB Gain amplifier*

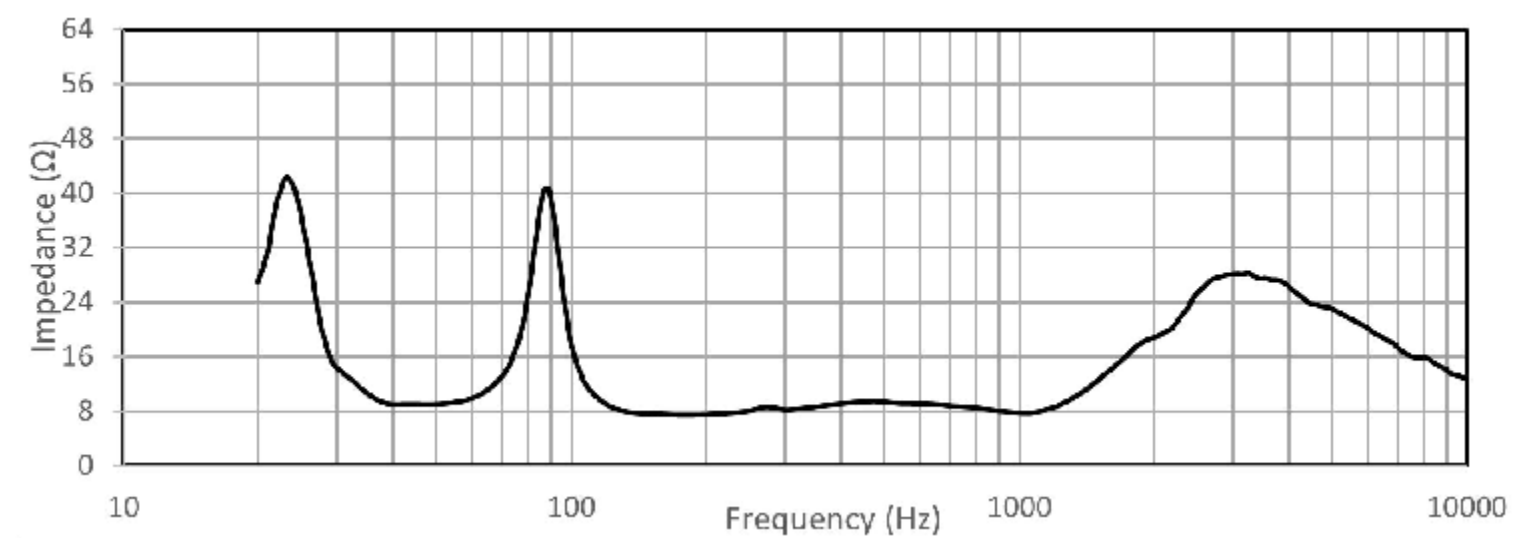
FREQUENCY RESPONSE



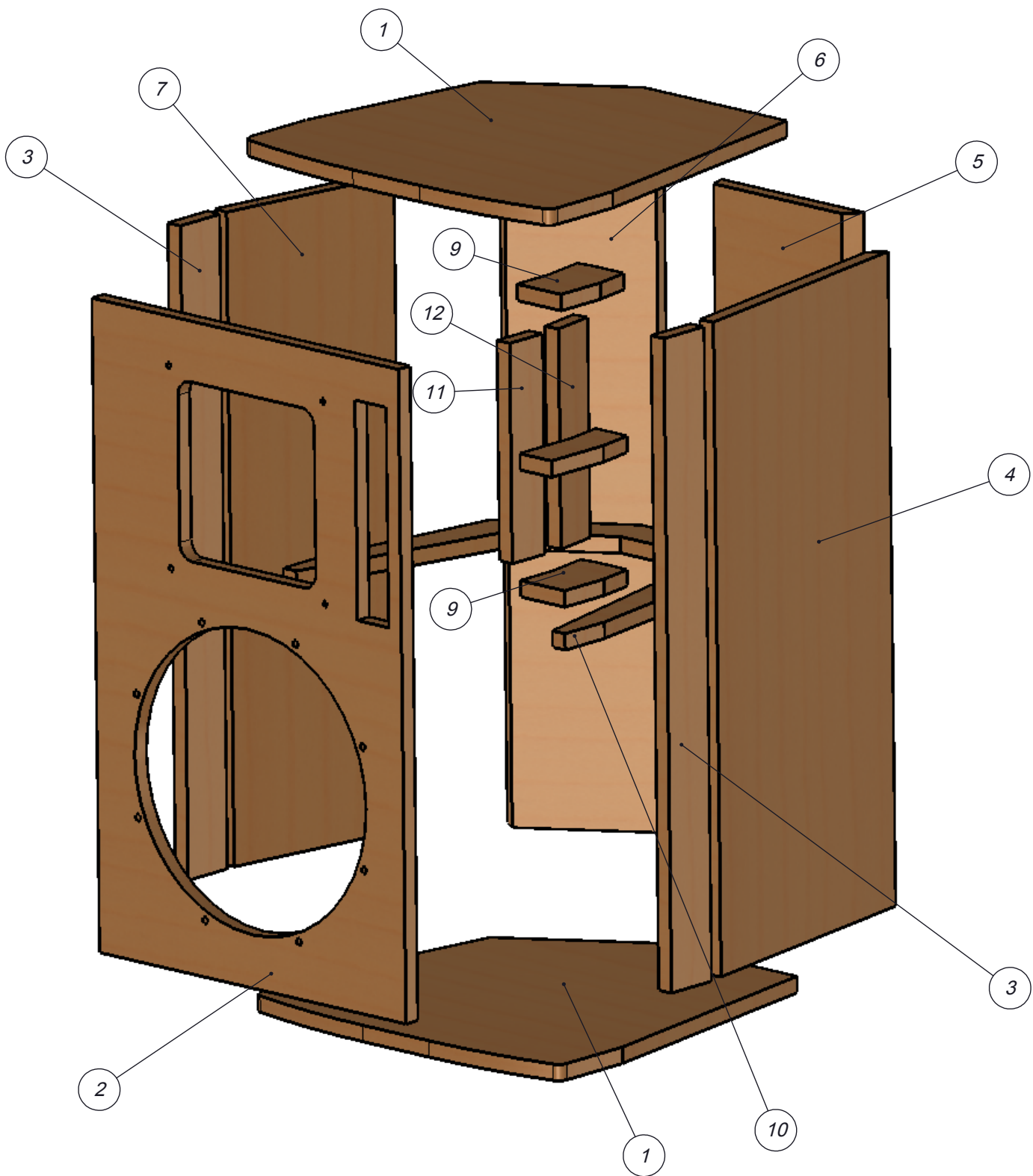
PASSIVE CROSSOVER DESIGN



IMPEDANCE



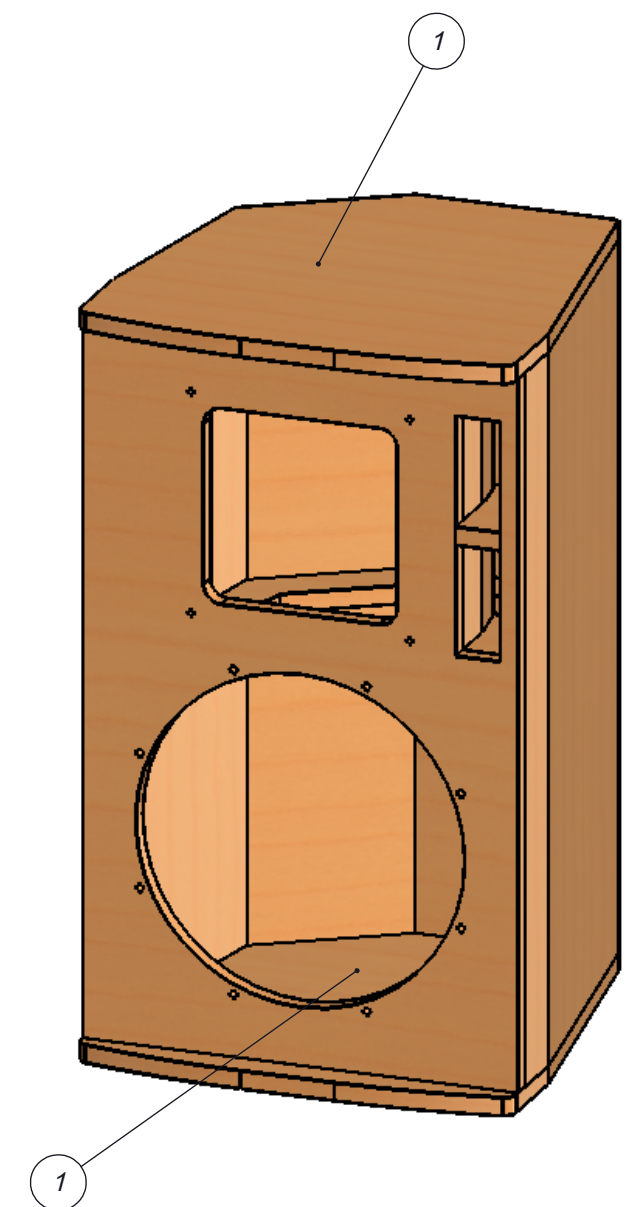
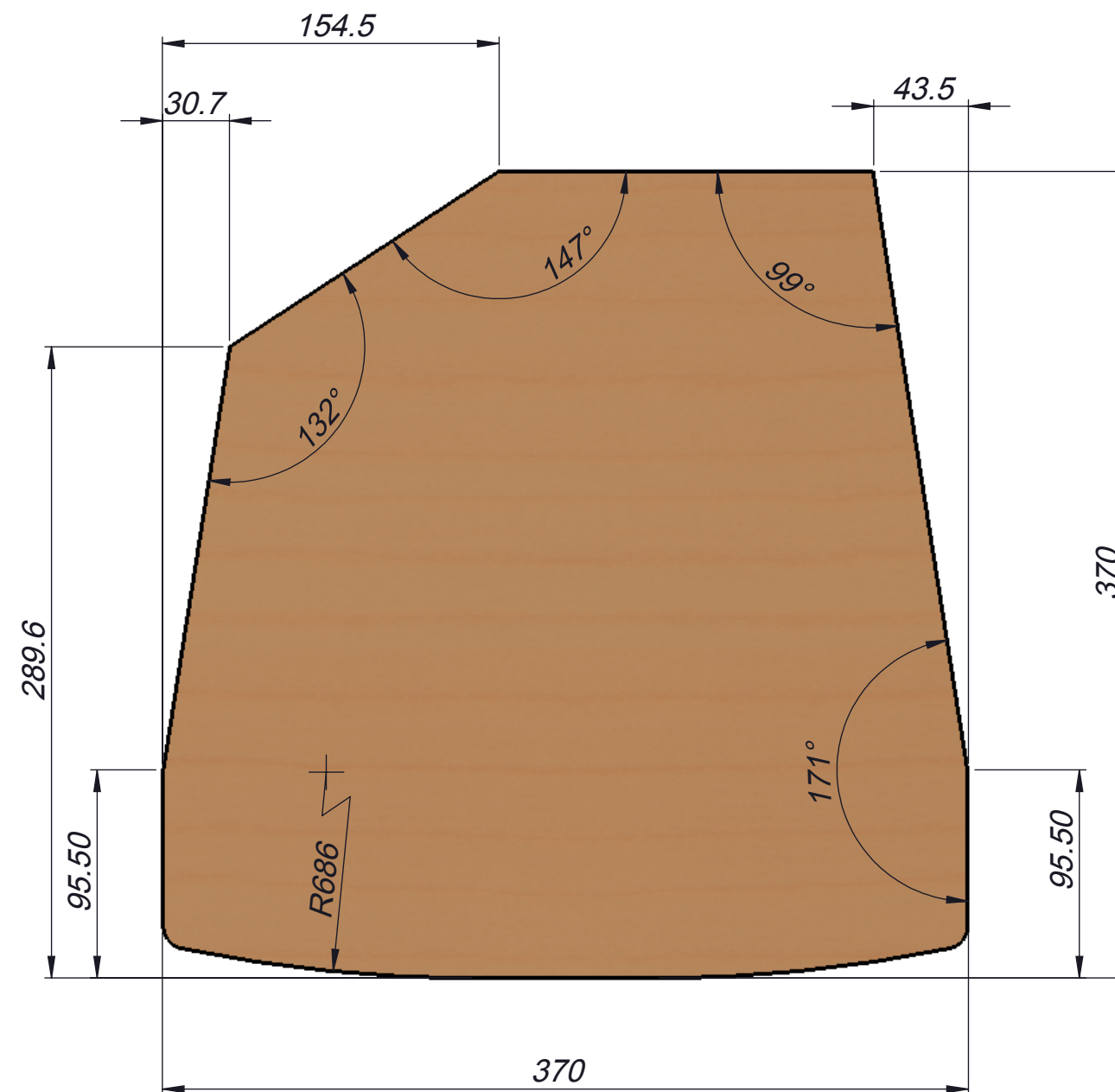
EXPLODED VIEW



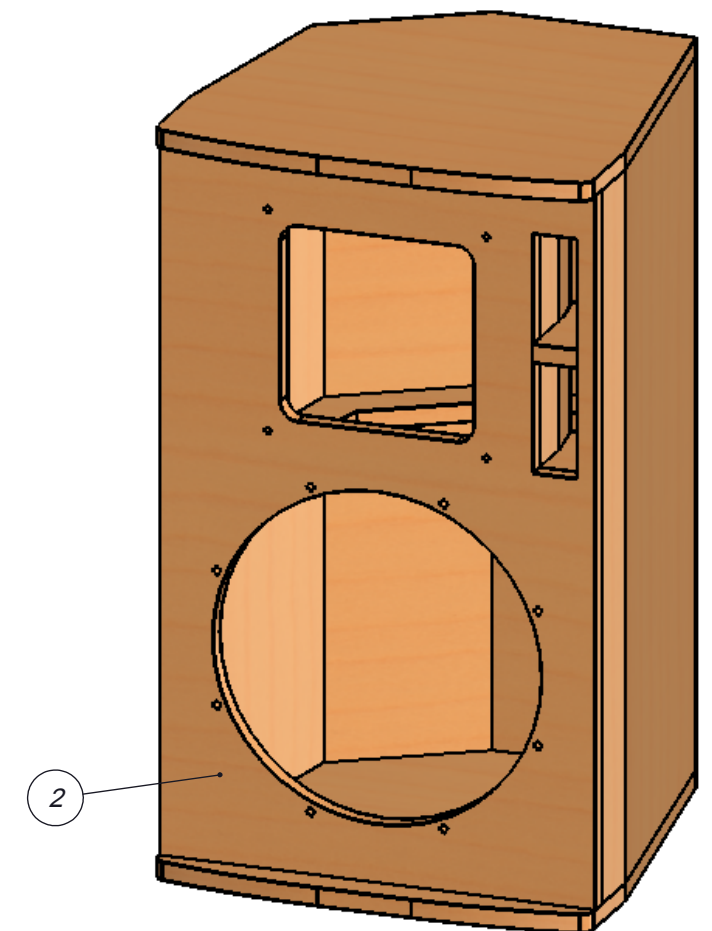
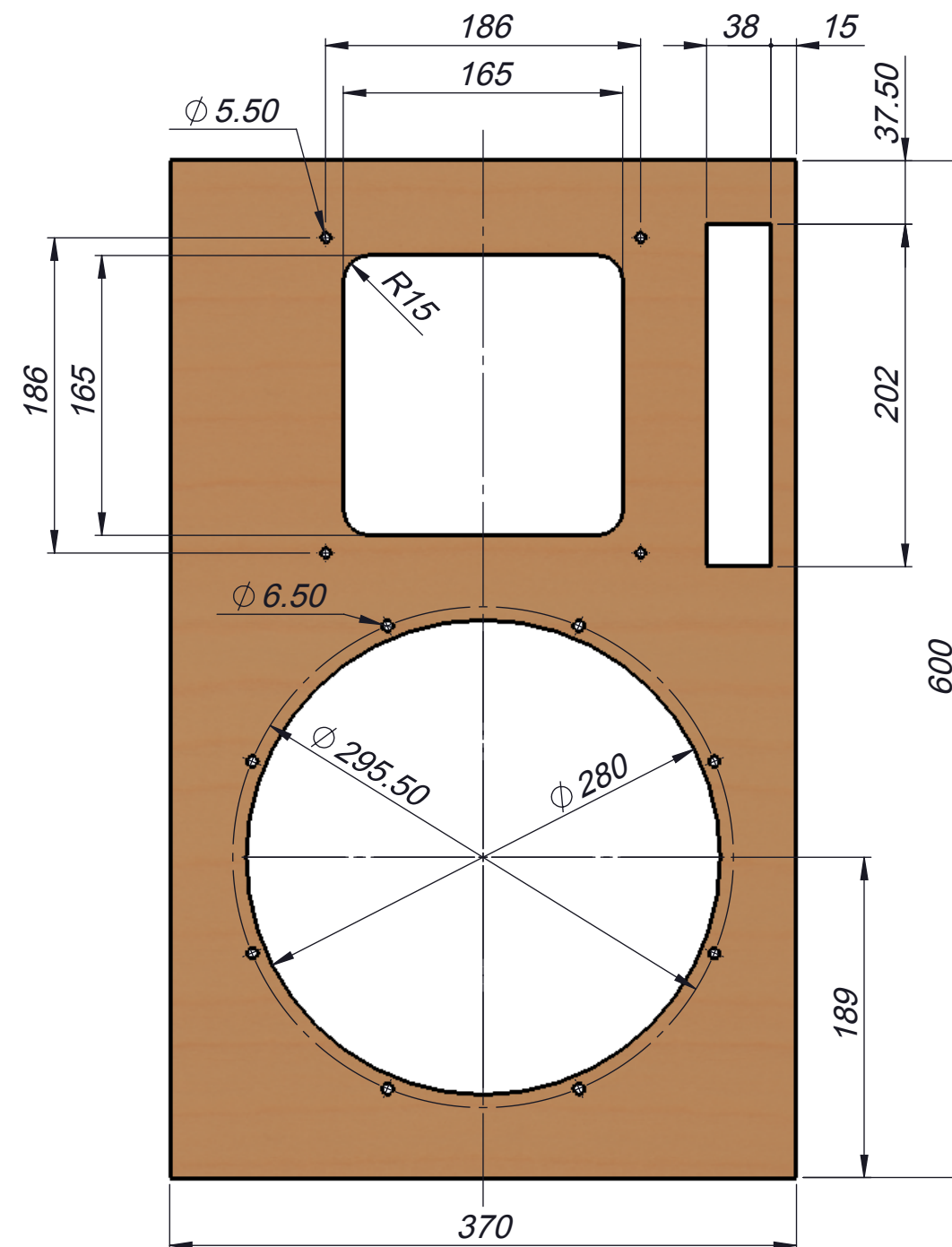
PARTS LIST

ITEM N°.	PARTS DIMENSIONS	QTY.
1	370 x 370 x 15	2
2	370 x 600 x 15	1
3	52 x 600 x 15	2
4	278 x 600 x 15	1
5	172 x 600 x 15	1
6	147.6 x 600 x 15	1
7	196.5 x 600 x 15	1
8	44 x 105 x 15	1
9	60 x 88 x 15	2
10	340 x 311.5 x 15	1
11	42.6 x 202 x 15	1
12	45.9 x 202 x 15	1

TOP AND BOTTOM PARTS

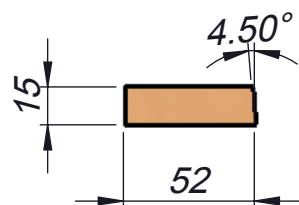


FRONT PANEL

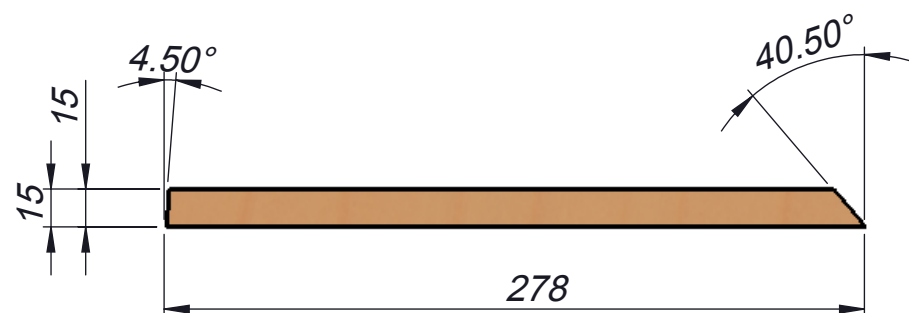


SIDES

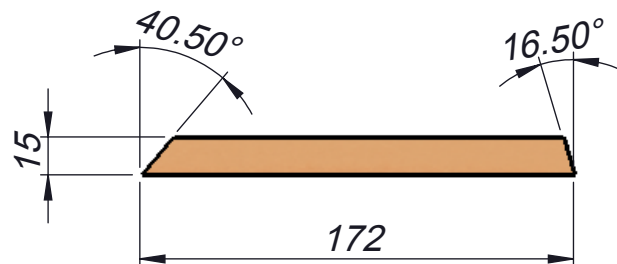
③ x 2



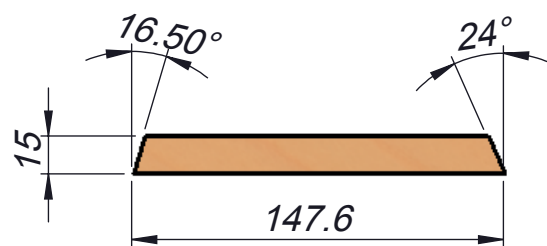
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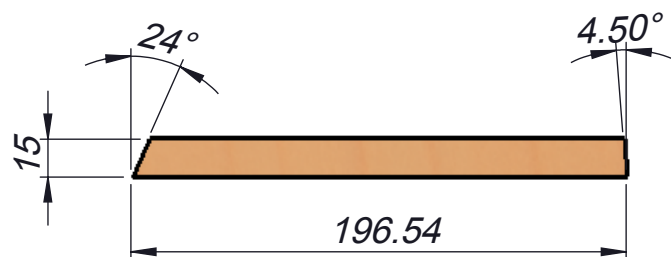
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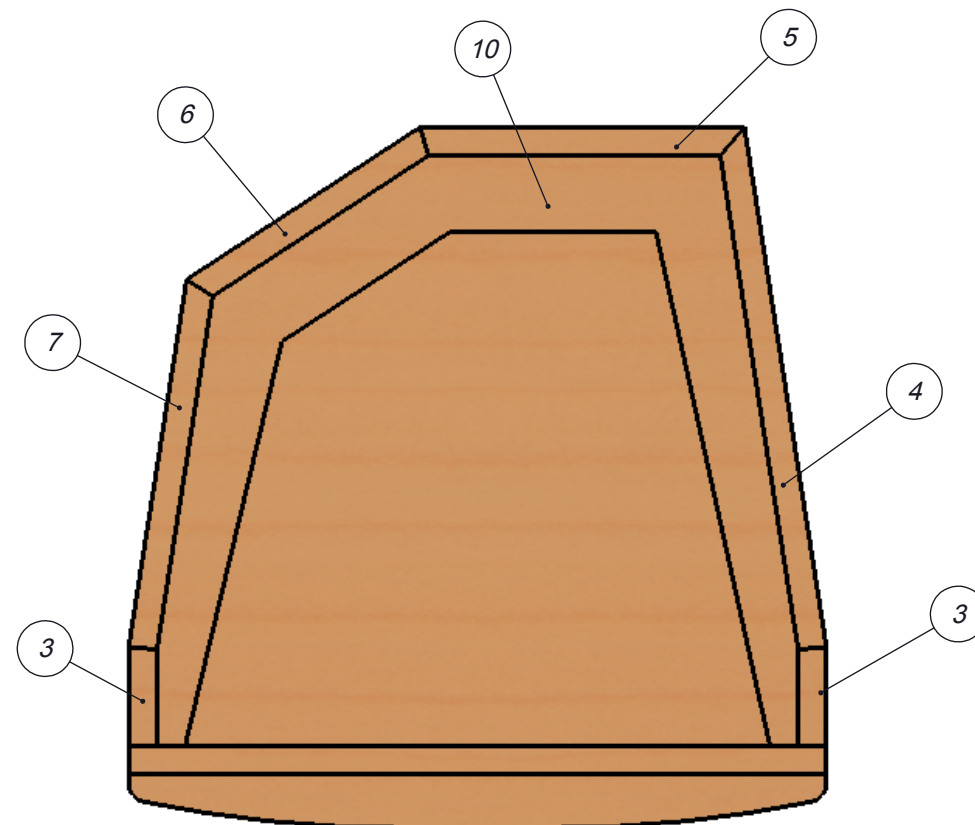
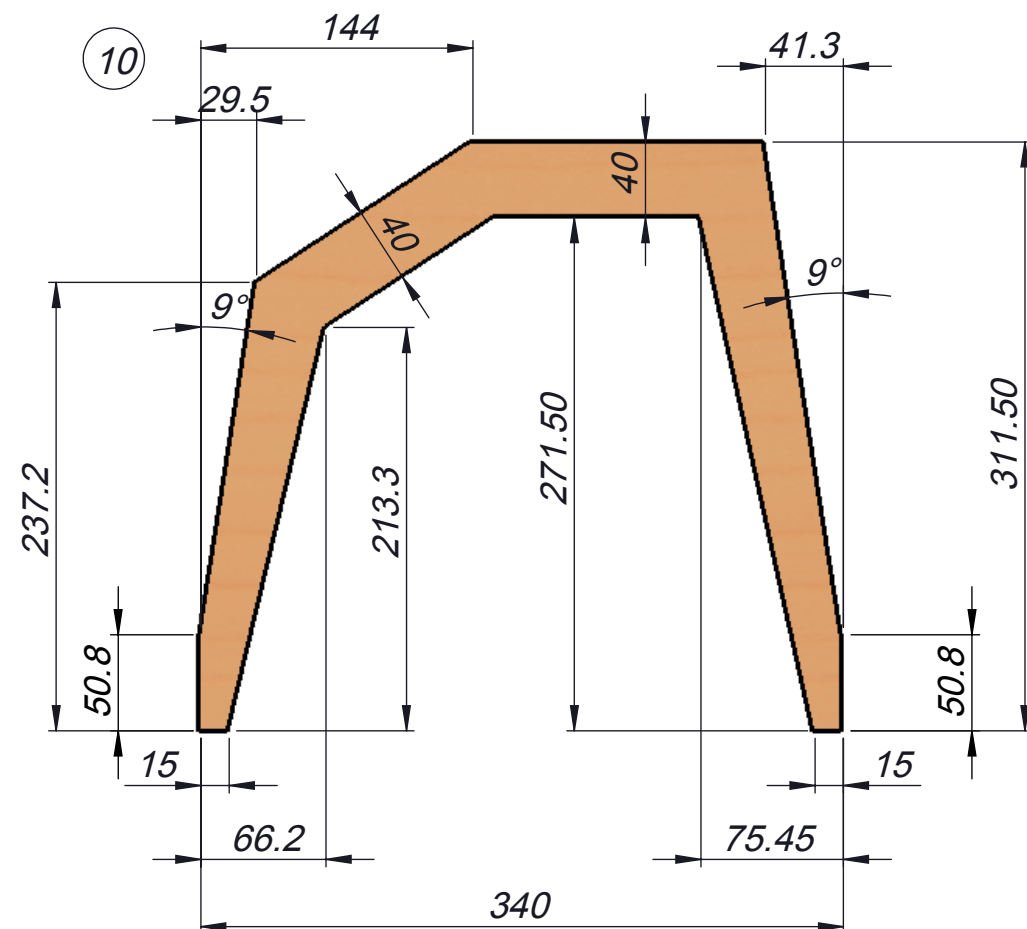
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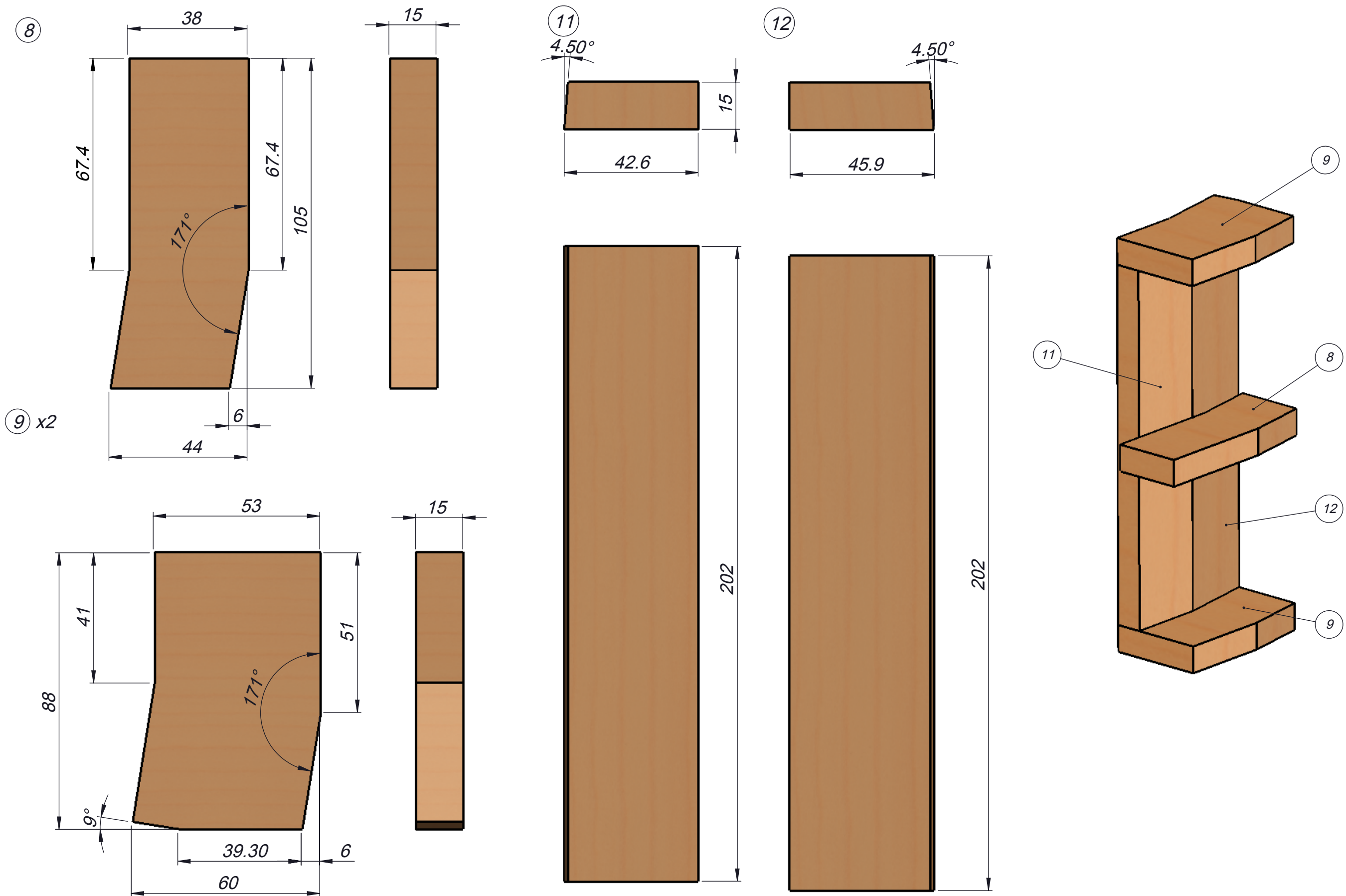
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INNER REINFORCEMENT



VENT ASSEMBLY



beyma **FR-CM**

FULL RANGE 2 WAY SYSTEM SERIES

