

# Freddox Foot

## PRODUCT SPECIFICATION

### Product summary:

Mini split condenser support; pipework; ductwork and cable tray support.

### Constructed to:

- BS8000-4: Workmanship on building sites. Code of practice for waterproofing
- BS6229: Code of practice for flat roofs with continuously supported coverings.
- Building regulations (E & W) Part L: Conservation of fuel and Power.
- BS EN 1850-1: Determination of visible defects
- BS EN 1107-1: Flexible sheets for waterproofing. Determination of dimensional stability.

### Material Specification:

- Aluminum alloy 6060
- Rubber crumb foot: SBR recycled rubber BS 7188 and 5696-3
- Salt mist testing: BS EN 60068-2-52.
- Test KB severity 1.



### Design Considerations:

Aluminum channel securely anchored to the top of every rubber foot for easy method of fixing. The channel mimics industry standard 40x20 mm strut channels, allowing for mechanical fixing of standardized bolts and channel nuts.

### Marine Environment:

Salt mist test conducted in accordance with ASTM B117-11 to simulate after accelerated environmental test. The results validate the 10-year product guarantee

### Foot pressure & UDL (Roof Load):

Allowable foot pressure and roof load will be subject to roof build-up, typically detailed by a structural engineer. Rubber foot work to a maximum foot pressure and UDL of 20KN/m<sup>2</sup> and 7.5 KN/m<sup>2</sup> respective.

### Applications types

Support air conditioning units and heat pumps.  
Support of small tubes and electrical cables.

### Dimensions and Weight

The rubber support is available in 8 models

Freddox Foot model	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
250 Low	250	130	50	1,5
400 Low	400	130	50	2,3
500 Low	500	130	50	2,7
400	400	180	100	3,9
600	600	180	100	5,5
1000	1000	180	100	9,0
600 High	600	200	230	16
1000 High	1000	200	230	25

### Equipment

40 x 20 mm aluminum bar, fixed in the groove on the upper face of the support.

**Conditions of Use**

Suitable for indoor and outdoor applications at temperatures from -20°C~+80°C.  
UV protection treatment.

**Recommended maximum weight**

Model	Maximum Load (Kg)
400	200
600	300
1000	400
600 High	300
1000 High	400
250 Low	90
400 Low	130
500 Low	150



**Rubber compound**

Pressure molding of a mixture of recycled rubber and high quality polyurethane with moisture treatment , shrinkage tolerance and UV resistant

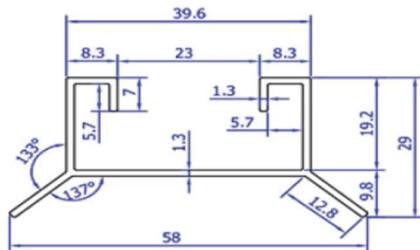
**Aluminum profile**

6060T5 aluminum alloy

Extrusion tolerances according to EN 12020-2

**Profile dimensions**

(size 400,600 (high),1000 (high), 250 Low, 400 Low and 500 Low



**Chemical composition**

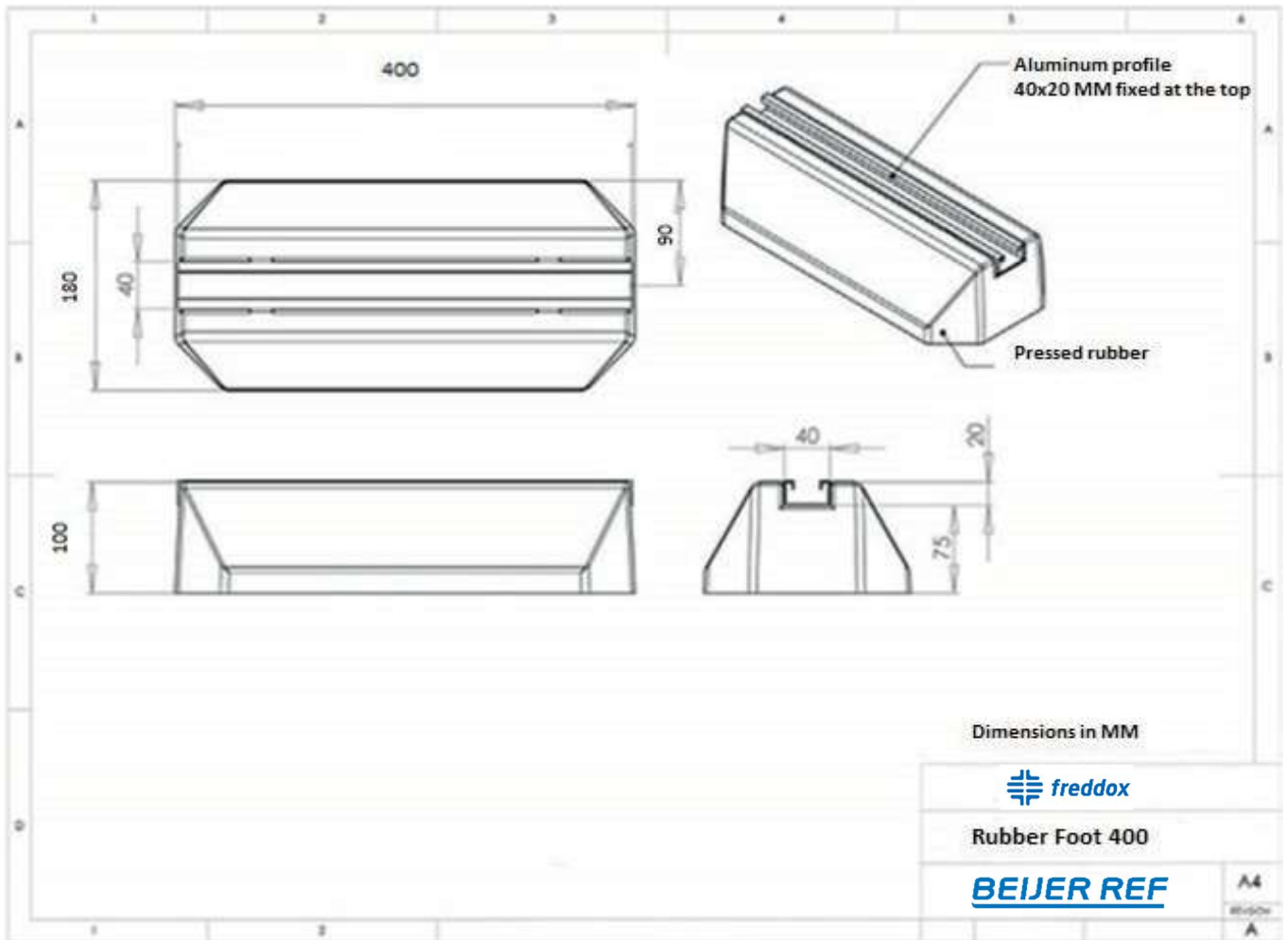
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Zr	Ti
6060	0,30	0,10	0,10	0,10	0,35	0,05	0,15	0,00	0,10
	0,60	0,30			0,60				

**Impurities**

Unity	Total
0,05	0,15

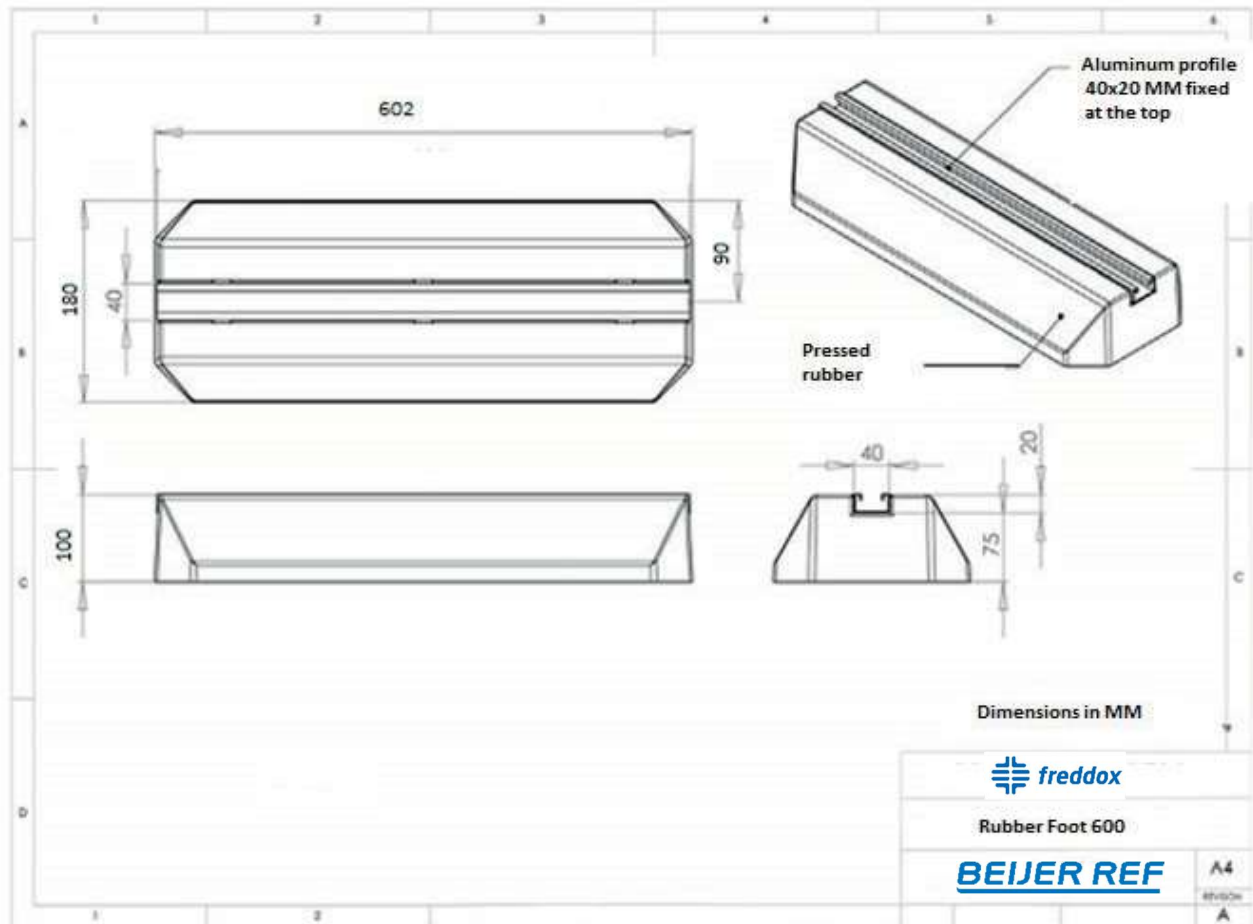
# Rubber Foot 400

technical drawing



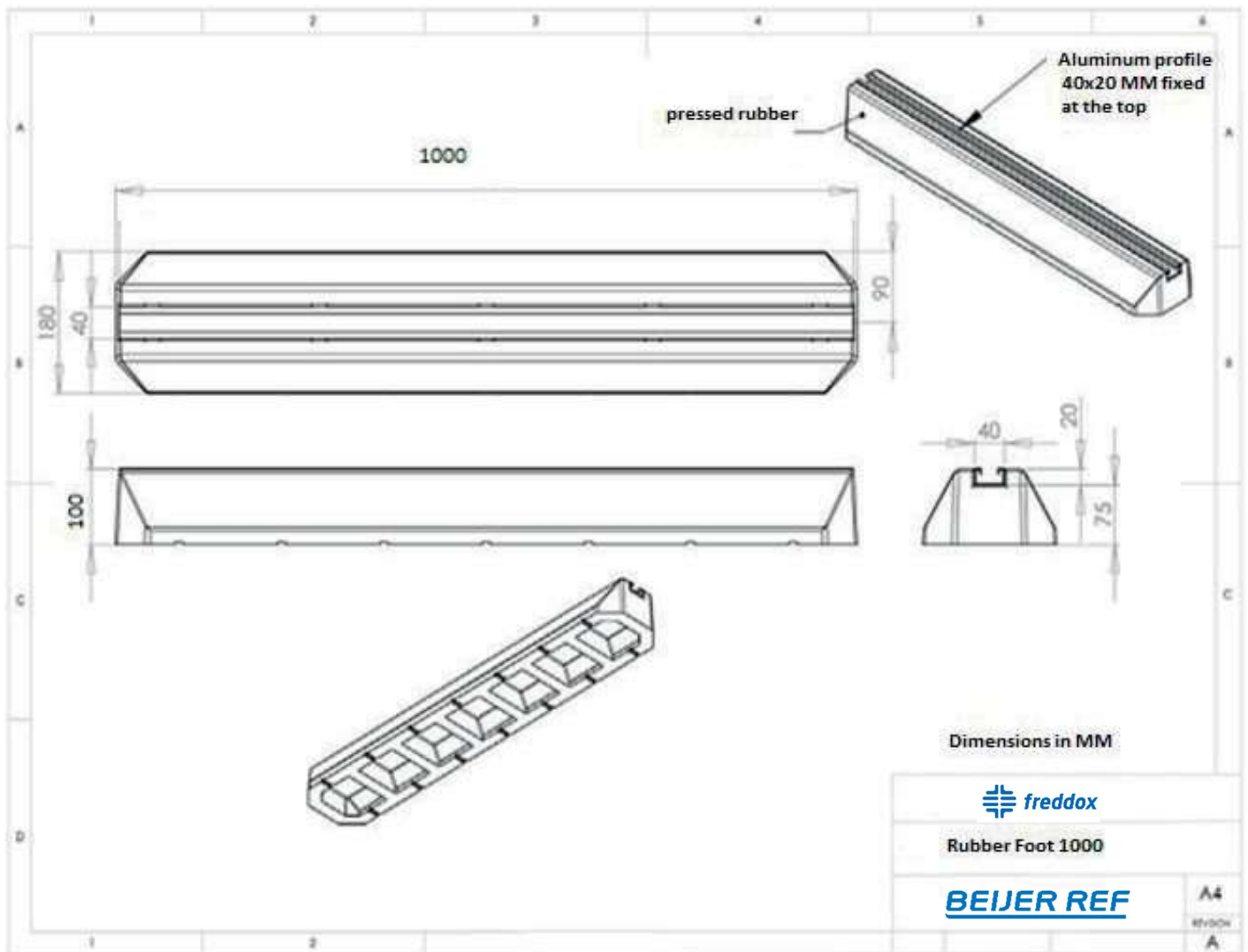
# Rubber Foot 600

technical drawing



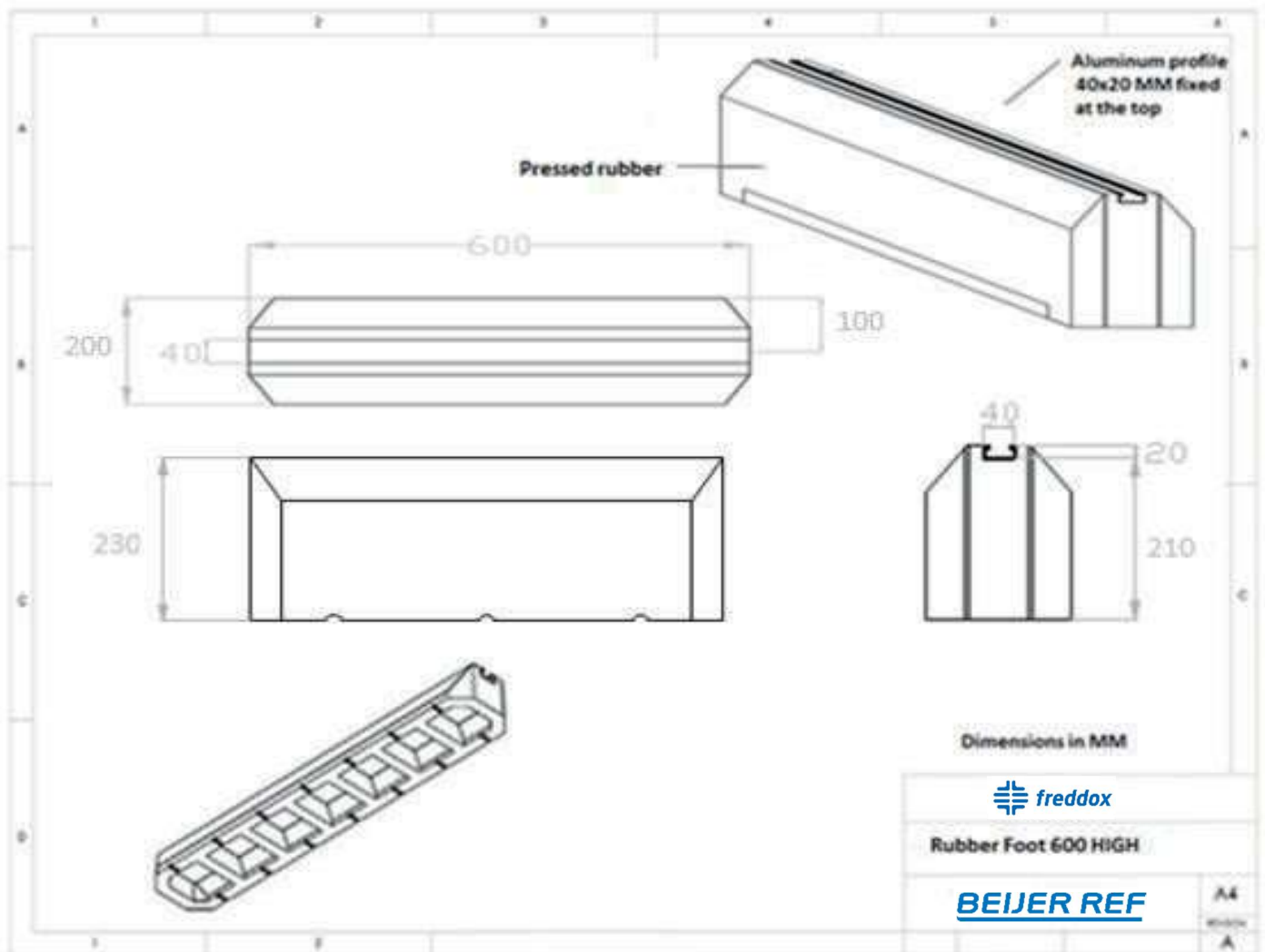
# Rubber Foot 1000

## technical drawing



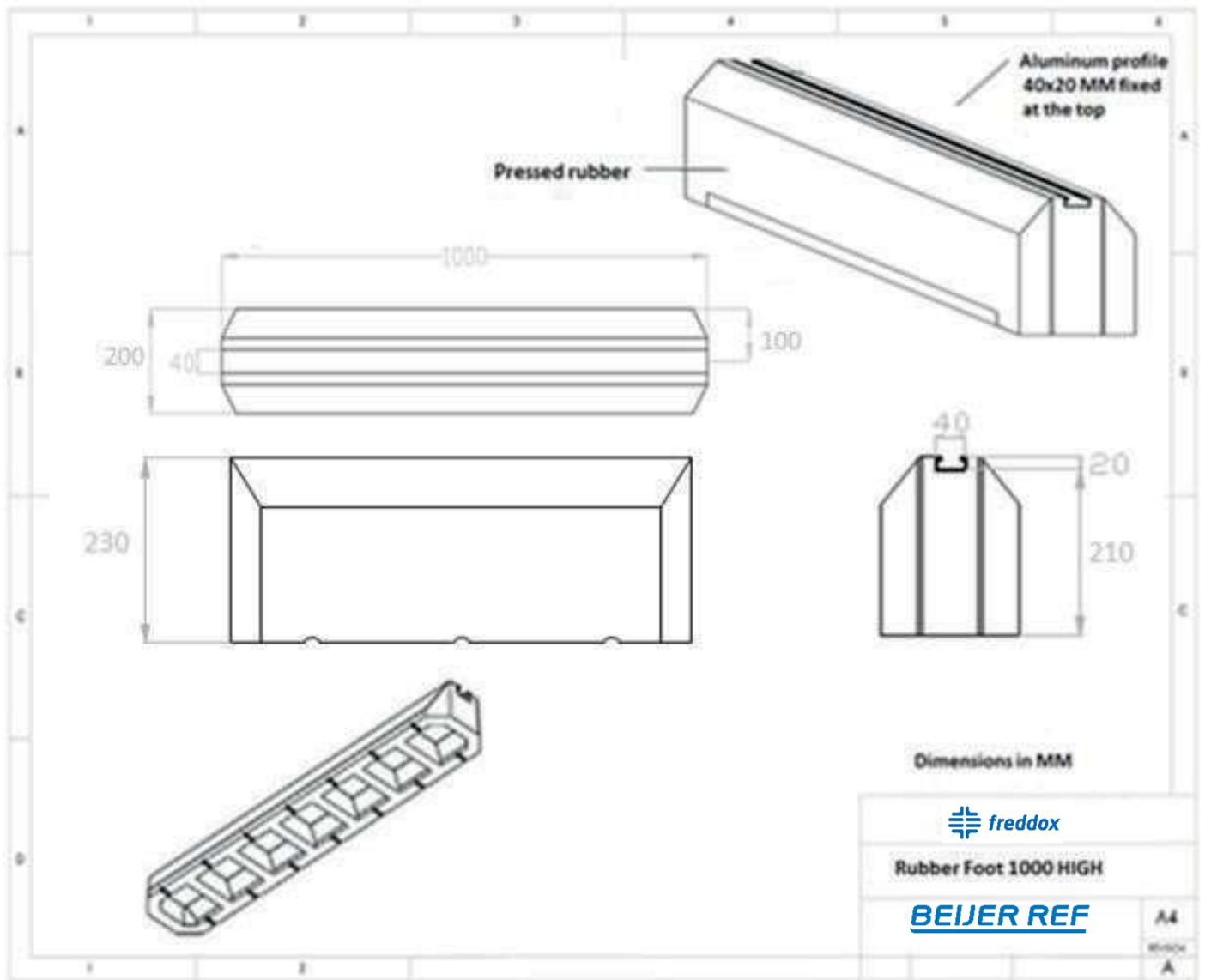
# Rubber Foot 600 HIGH

## technical drawing



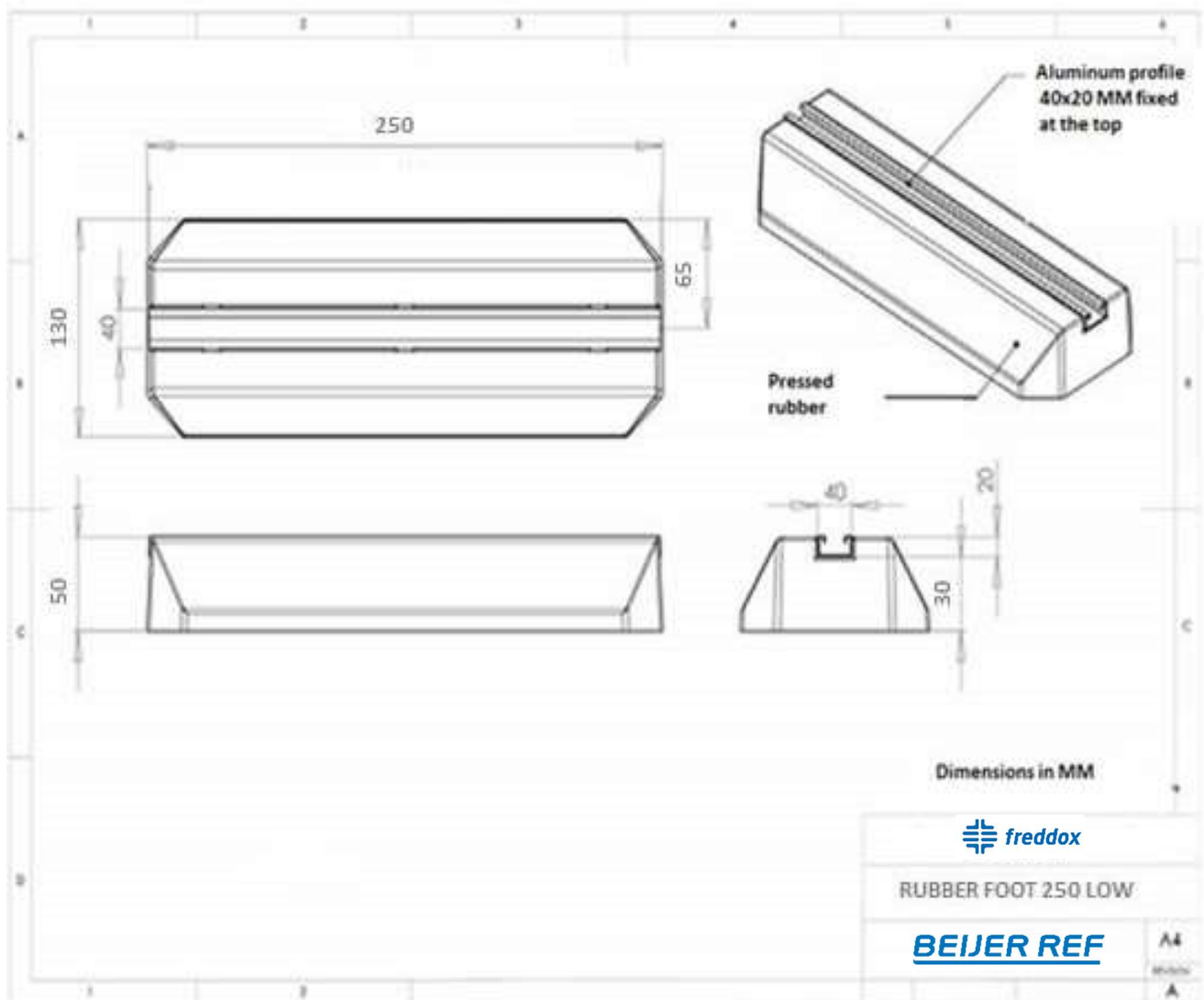
# Rubber Foot 1000 HIGH

## technical drawing



# Rubber Foot 250 LOW

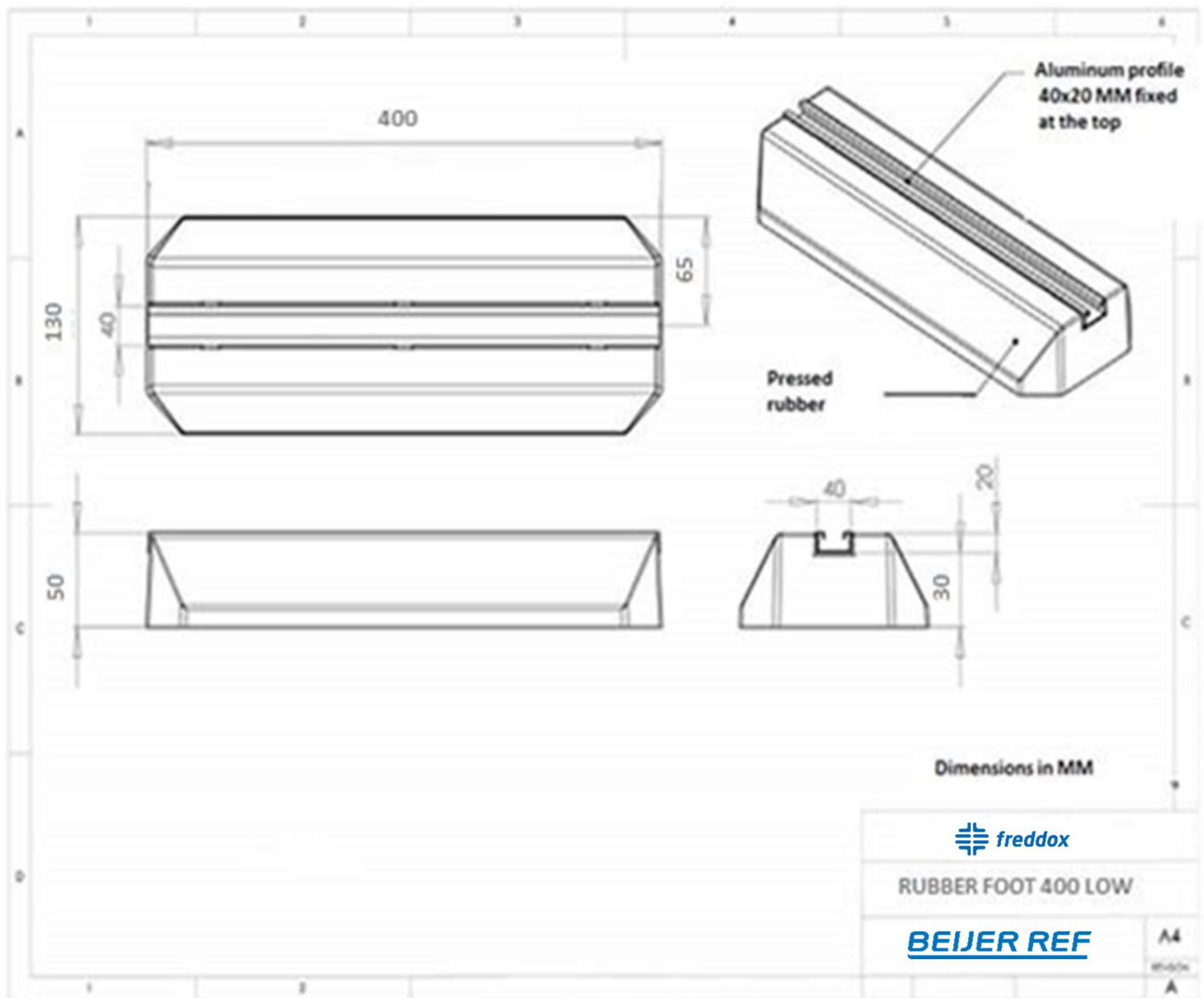
## technical drawing





# Rubber Foot 400 LOW

## technical drawing



# Rubber Foot 500 LOW

technical drawing

