

**MANUEL  
D'AUTO-CONSTRUCTION  
DU POÊLE DE MASSE :**

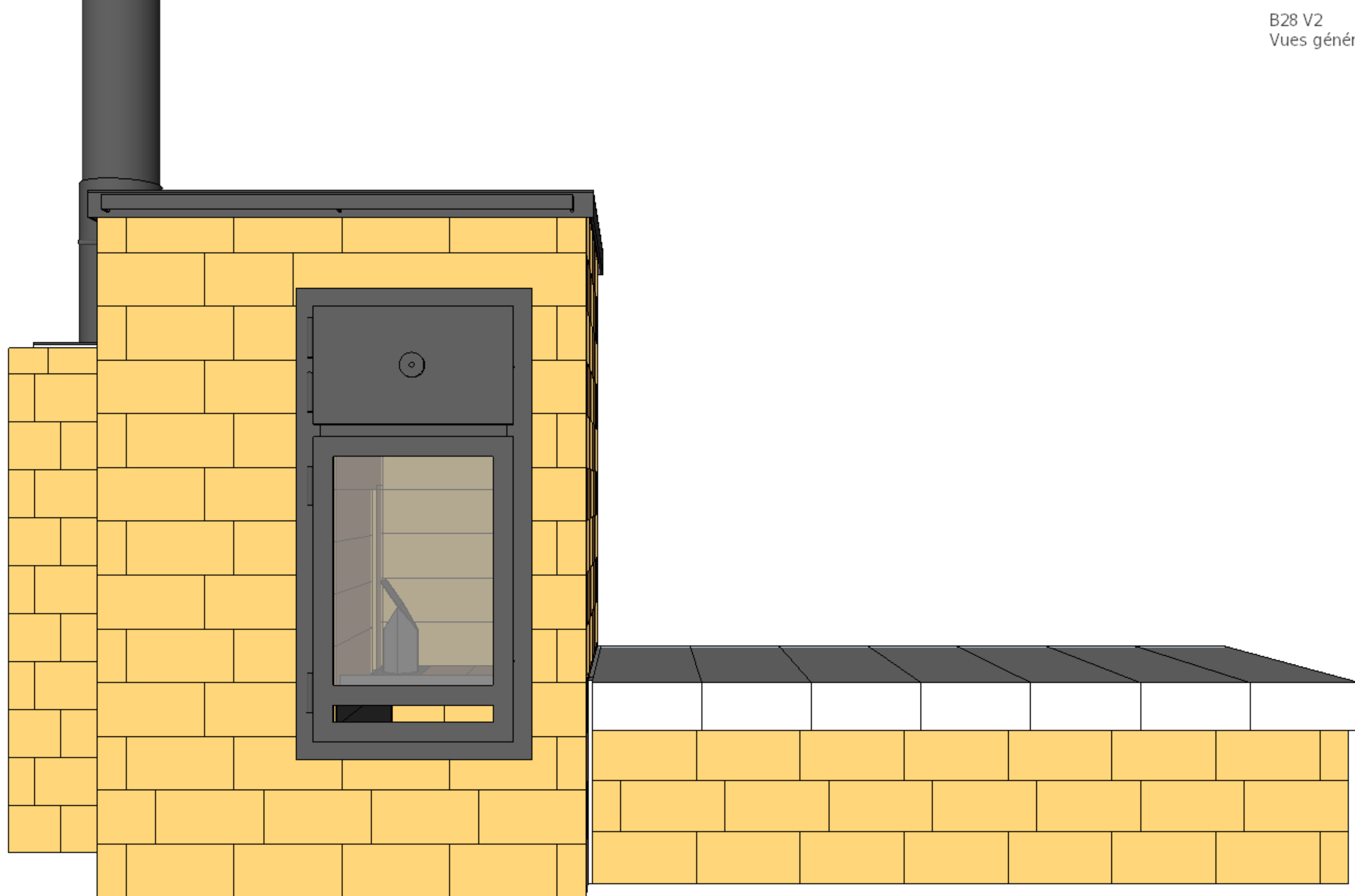
**B28 V2  
DU 25 JUILLET 2018**

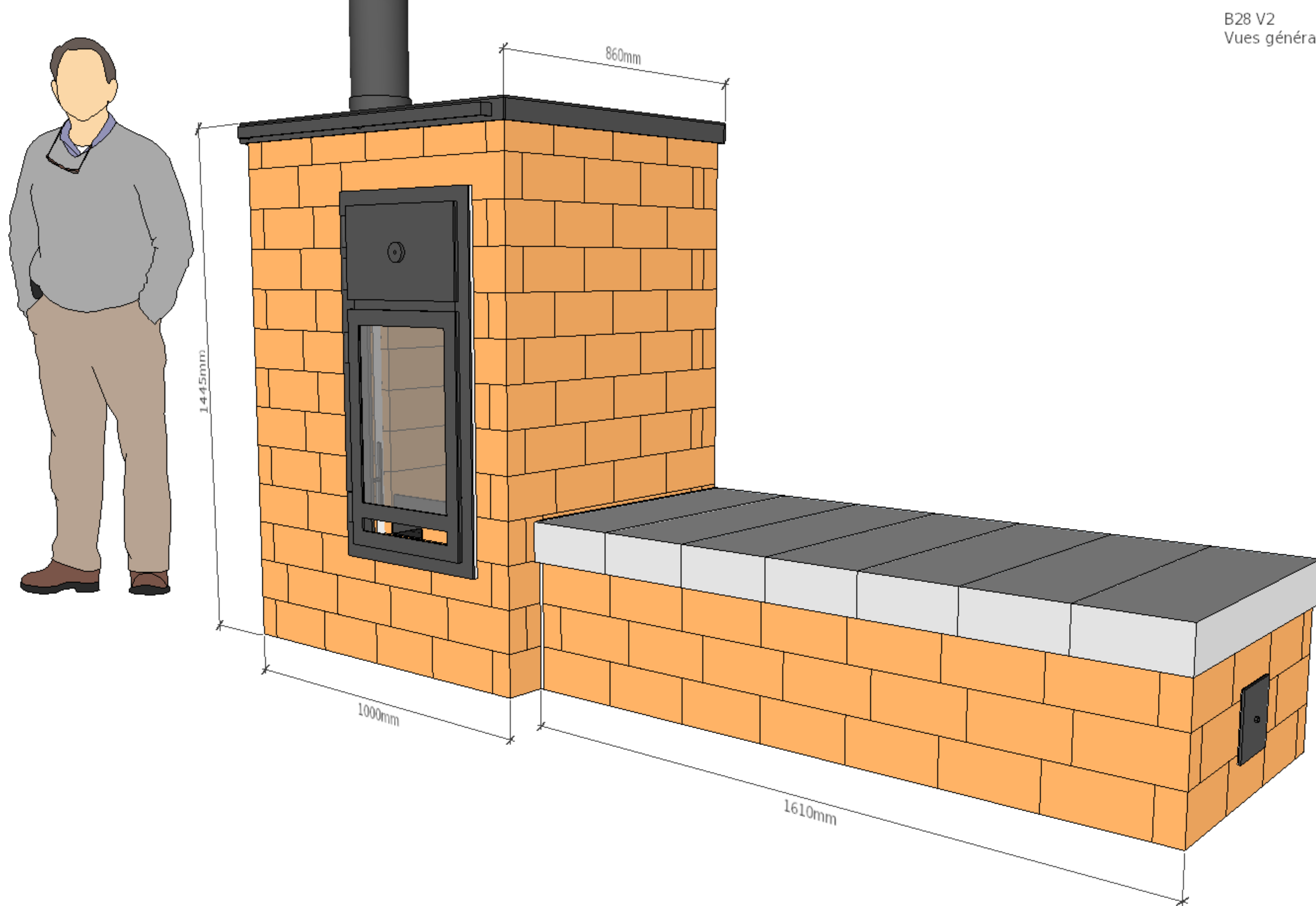
**LICENCE : CC-BY-SA 4.0  
INFORMATIONS COMPLÉMENTAIRES :  
UZUME-ASSO.ORG  
COMMENTAIRES : CONTACT@UZUME.FR**

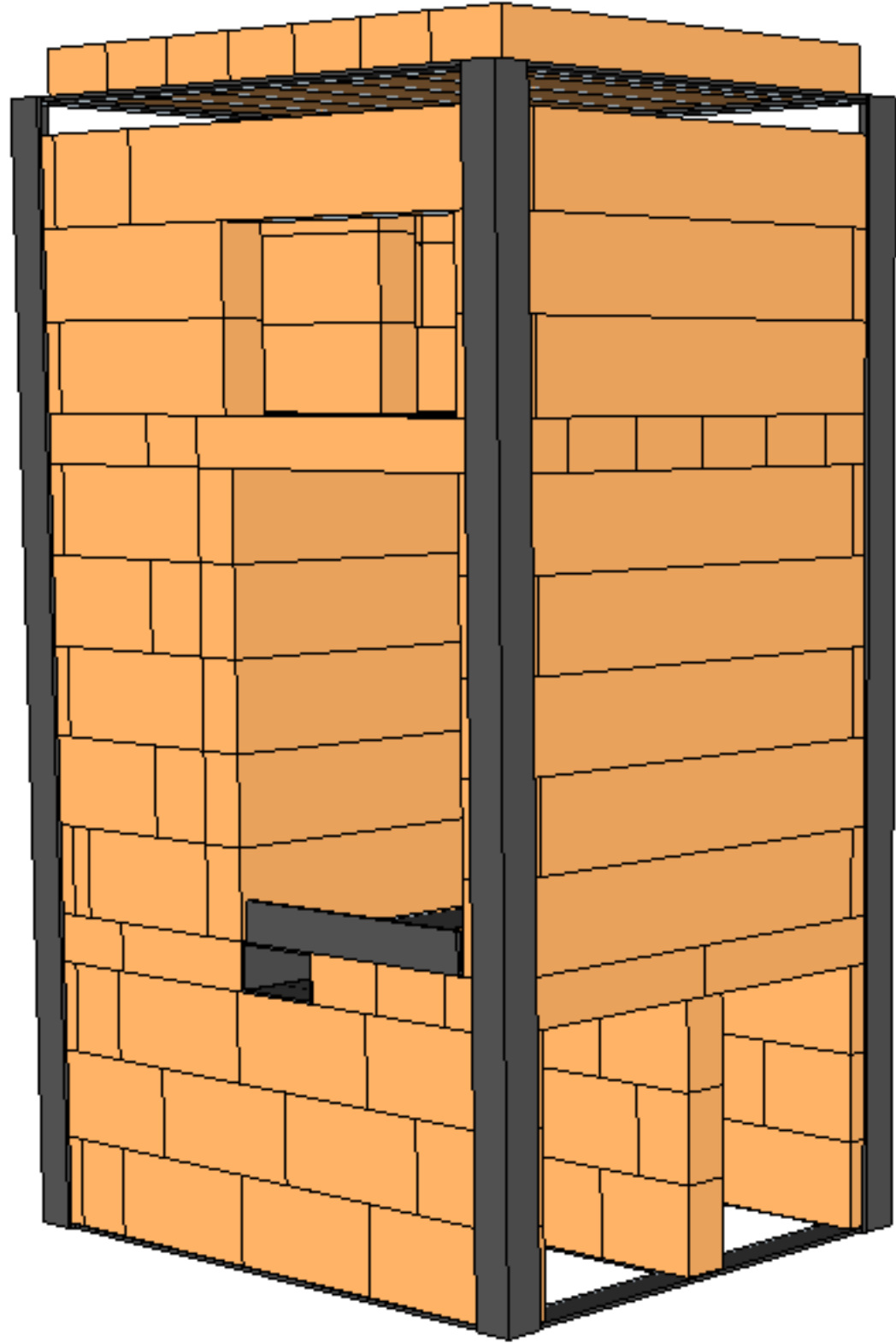
PRODUIRE SANS S'APPROPRIER,  
AGIR SANS RIEN ATTENDRE,  
GUIDER SANS CONTRAINDRE.  
VOILÀ LA VERTU PRIMORDIALE.

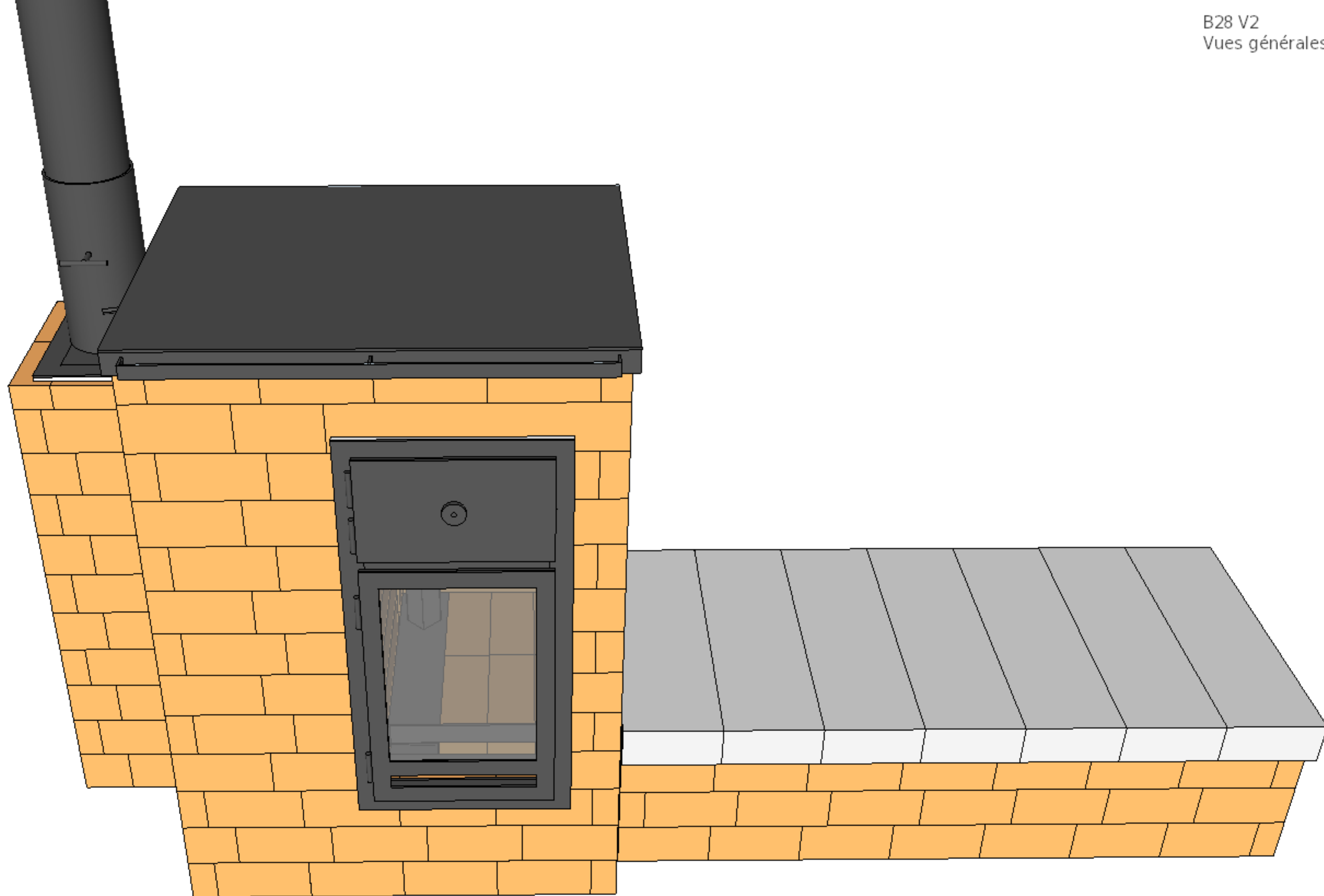
TAO TE CHING

**VUES GÉNÉRALES**



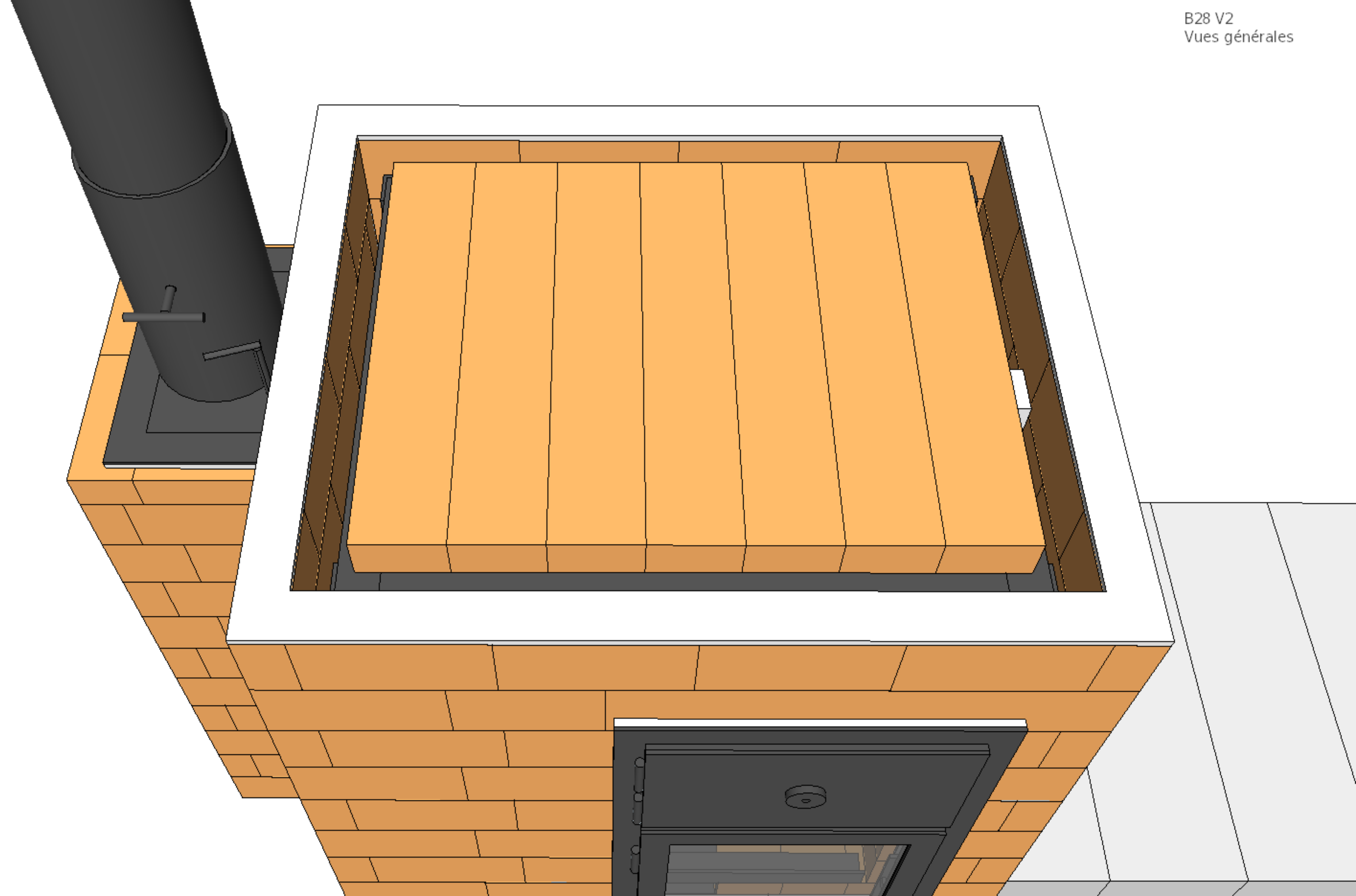


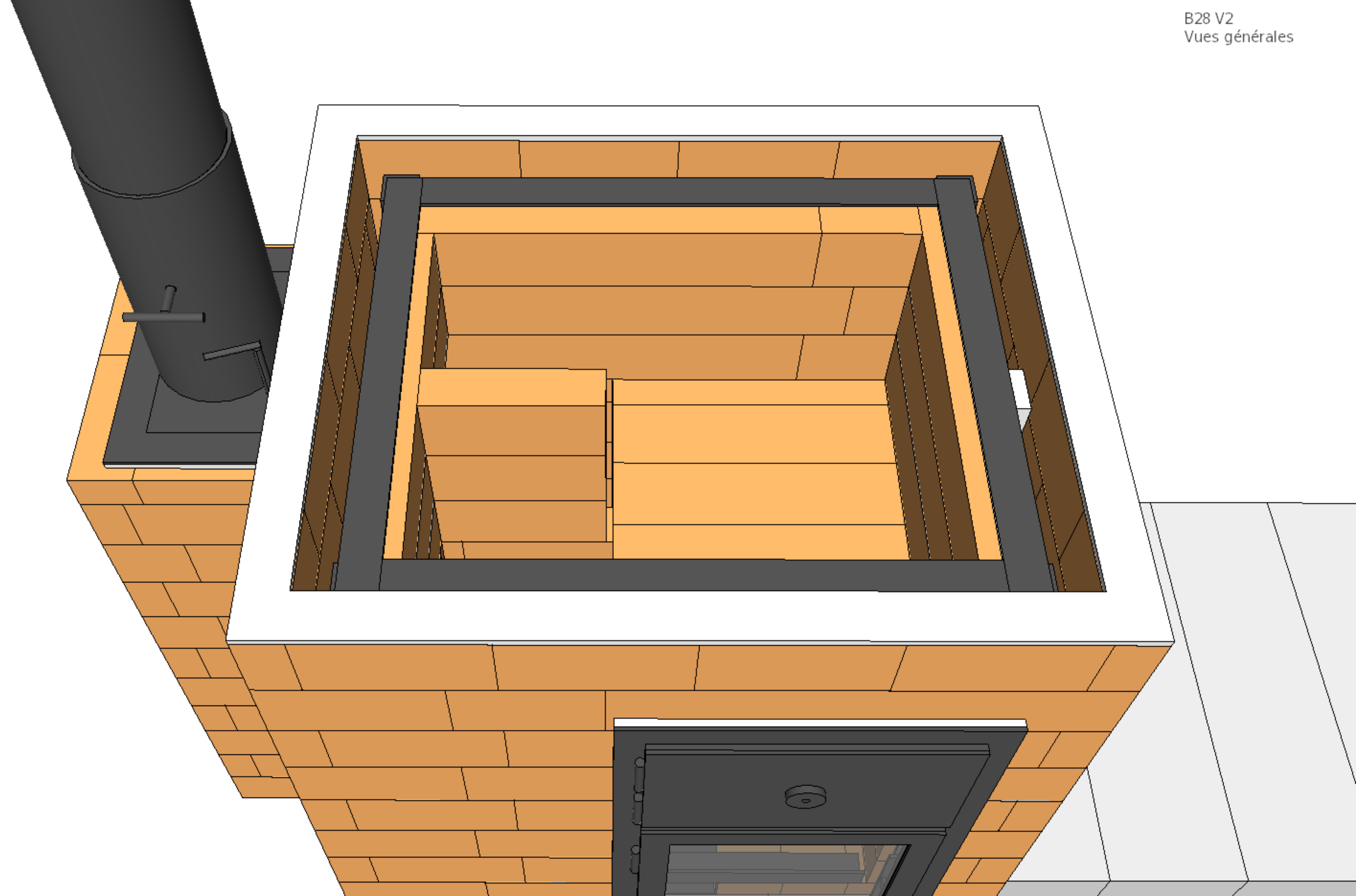


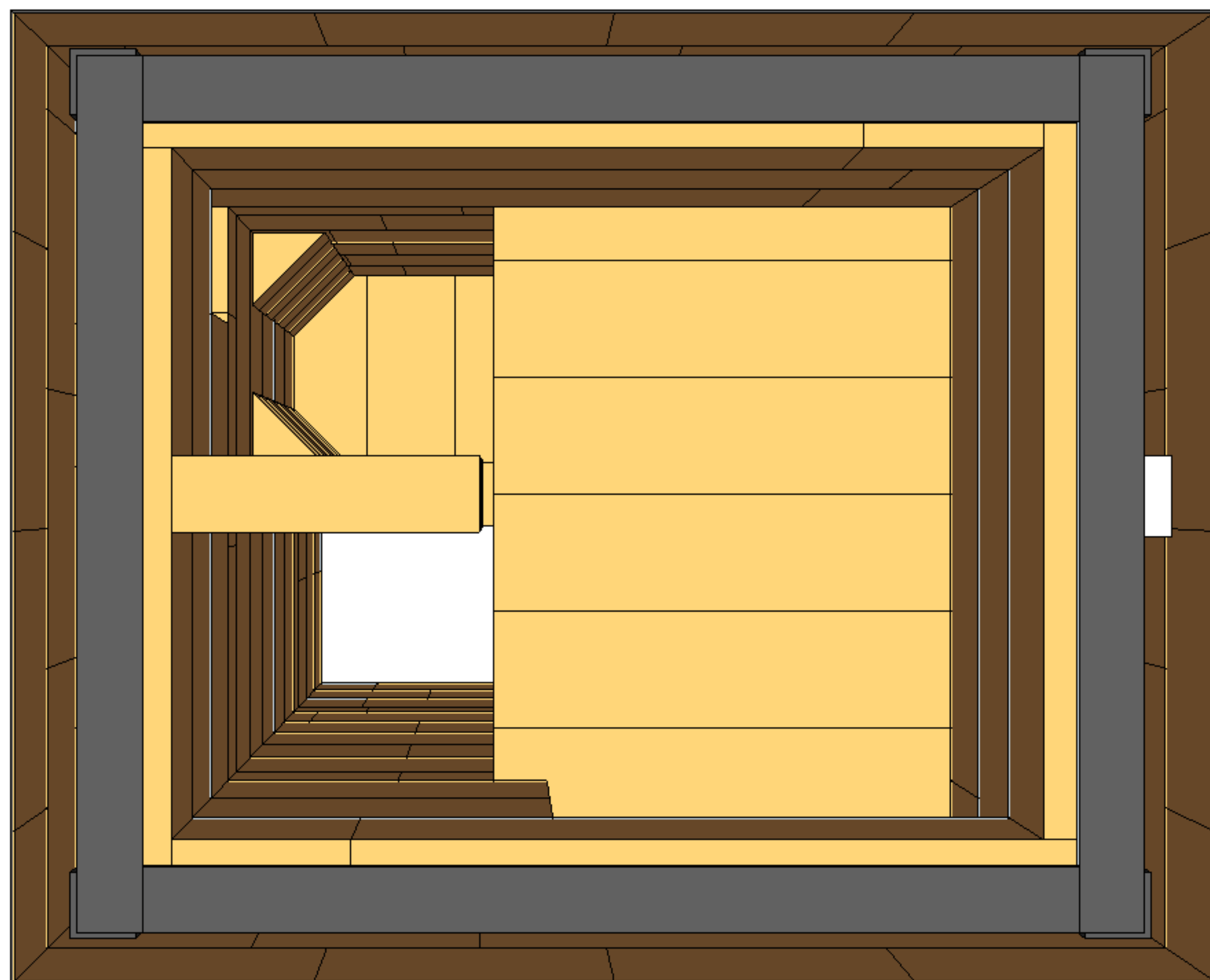
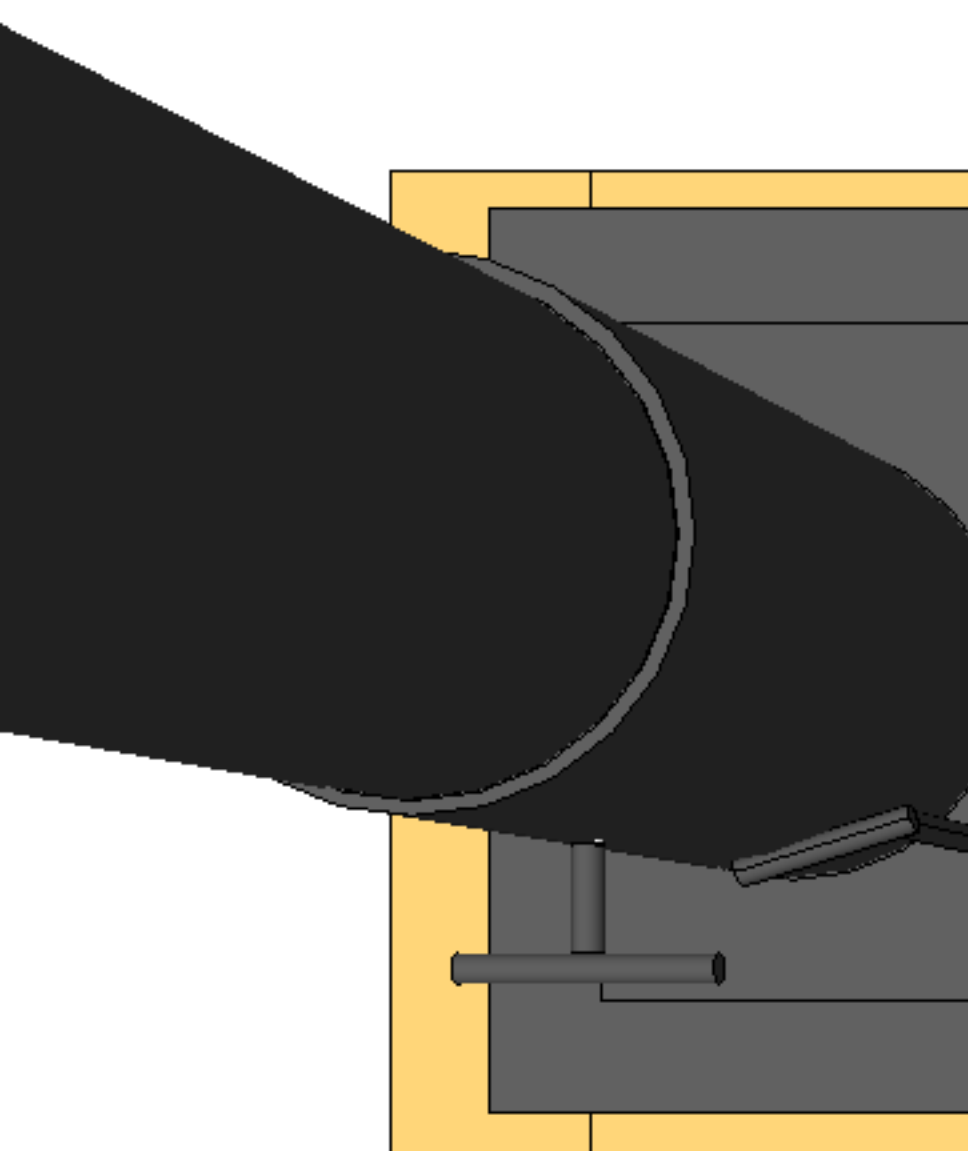


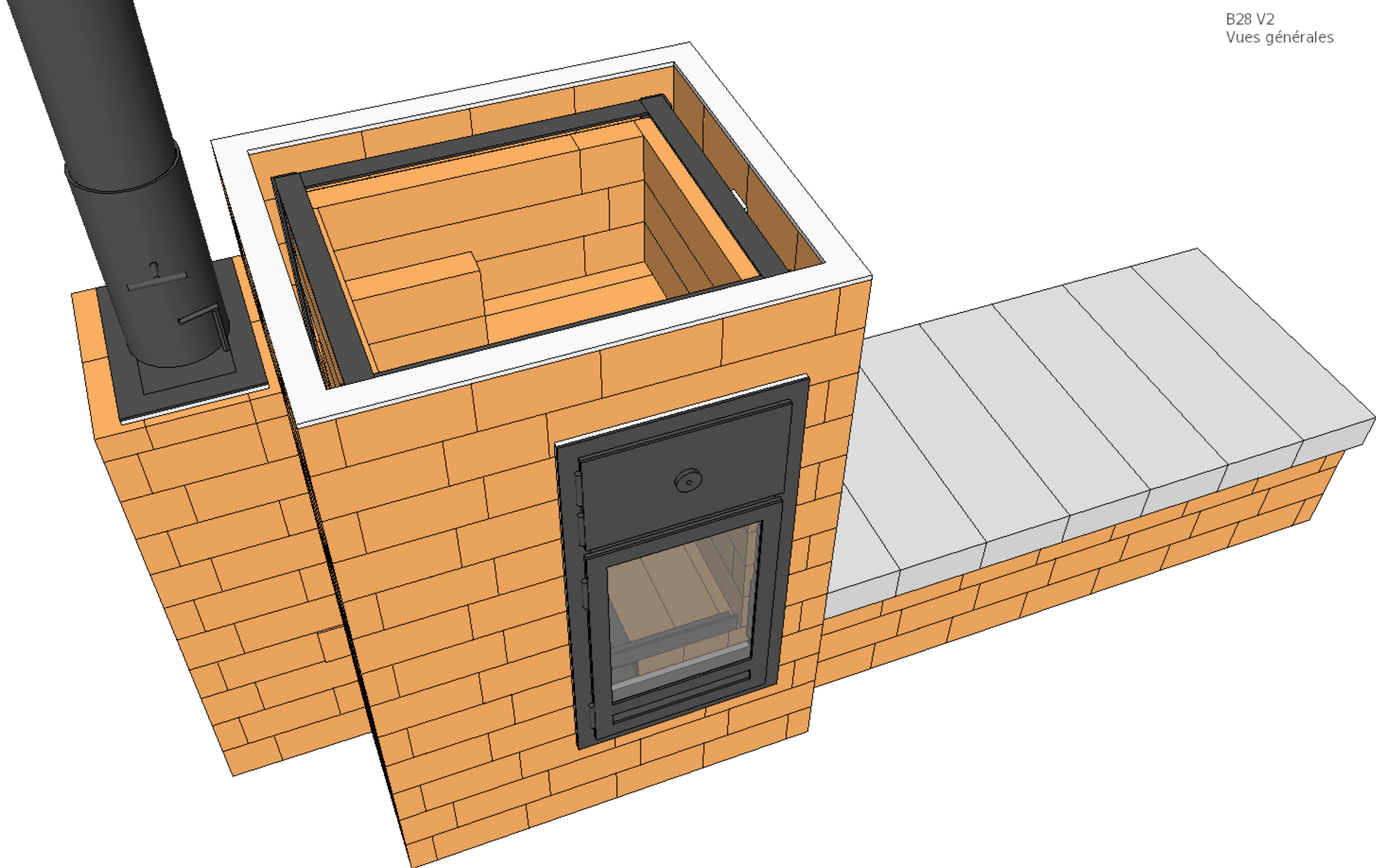


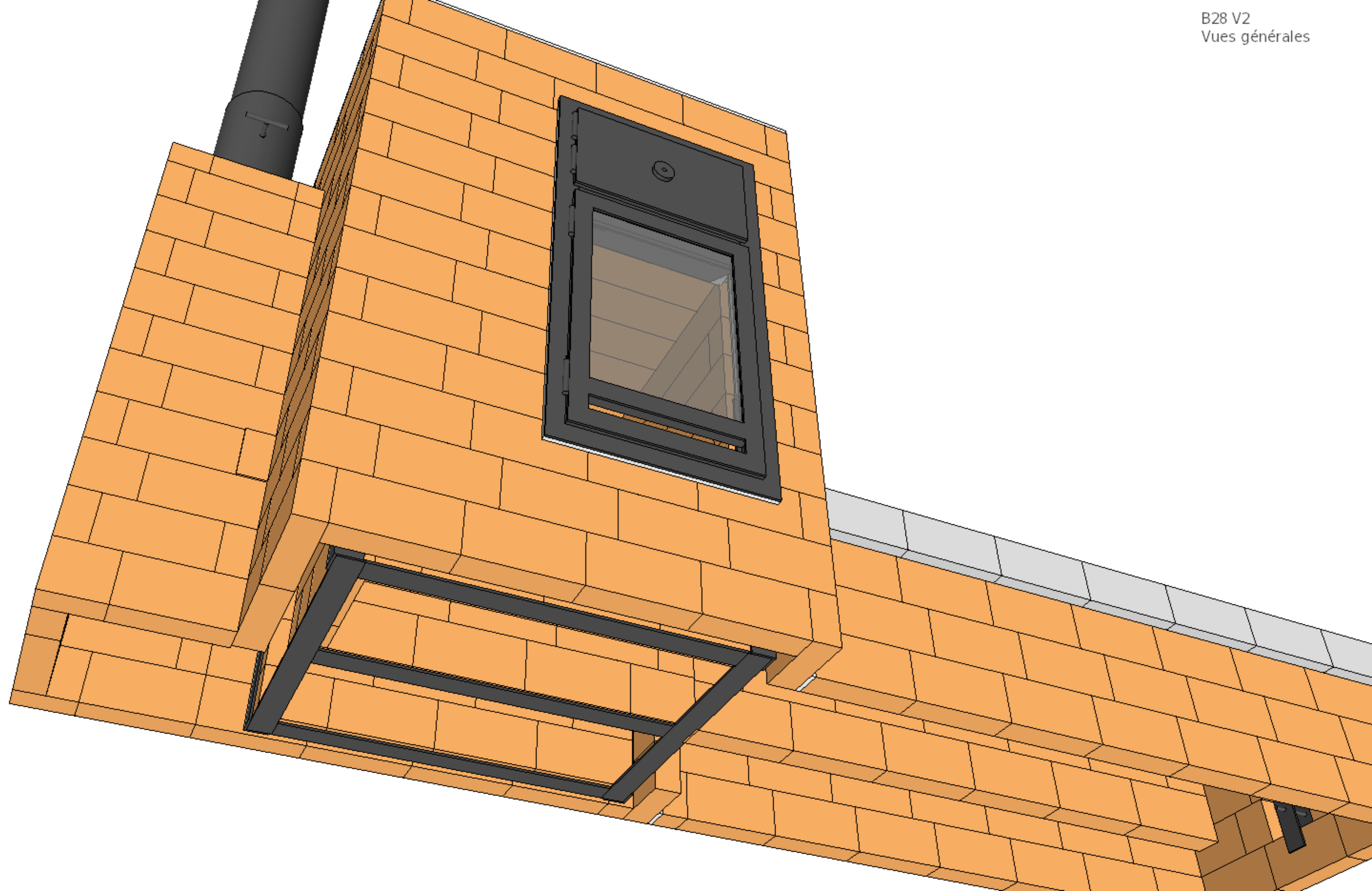


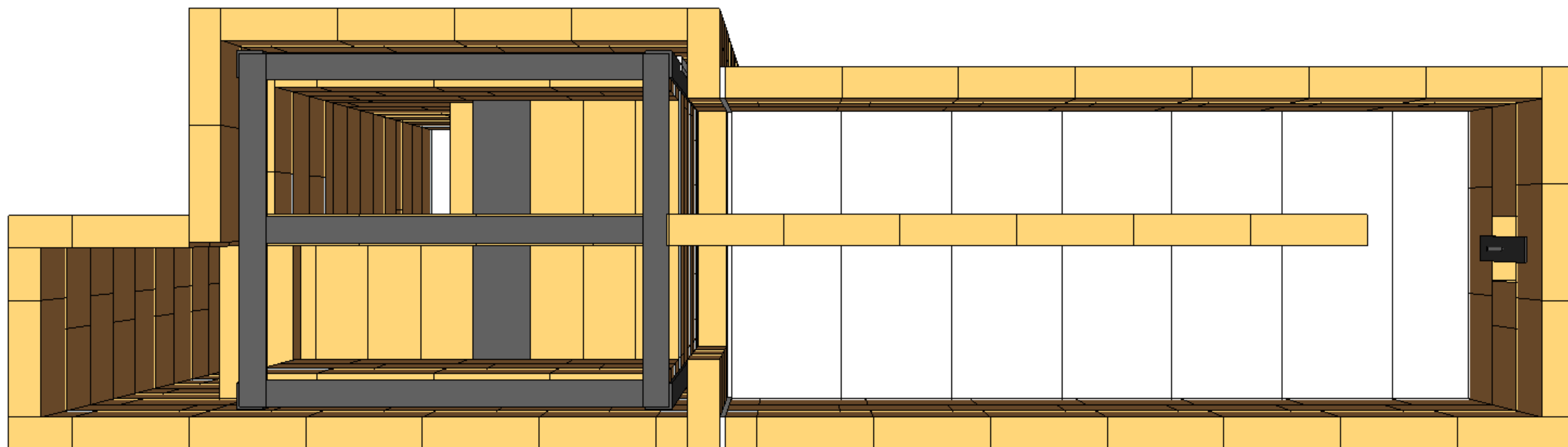




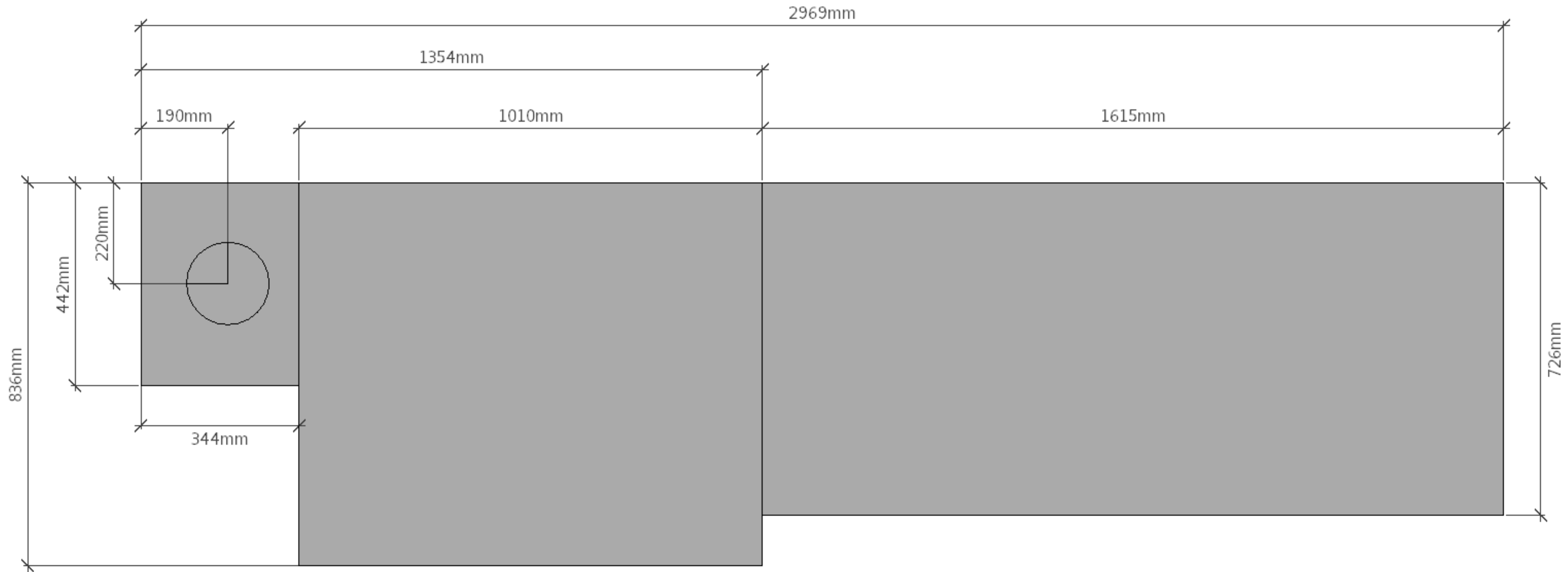








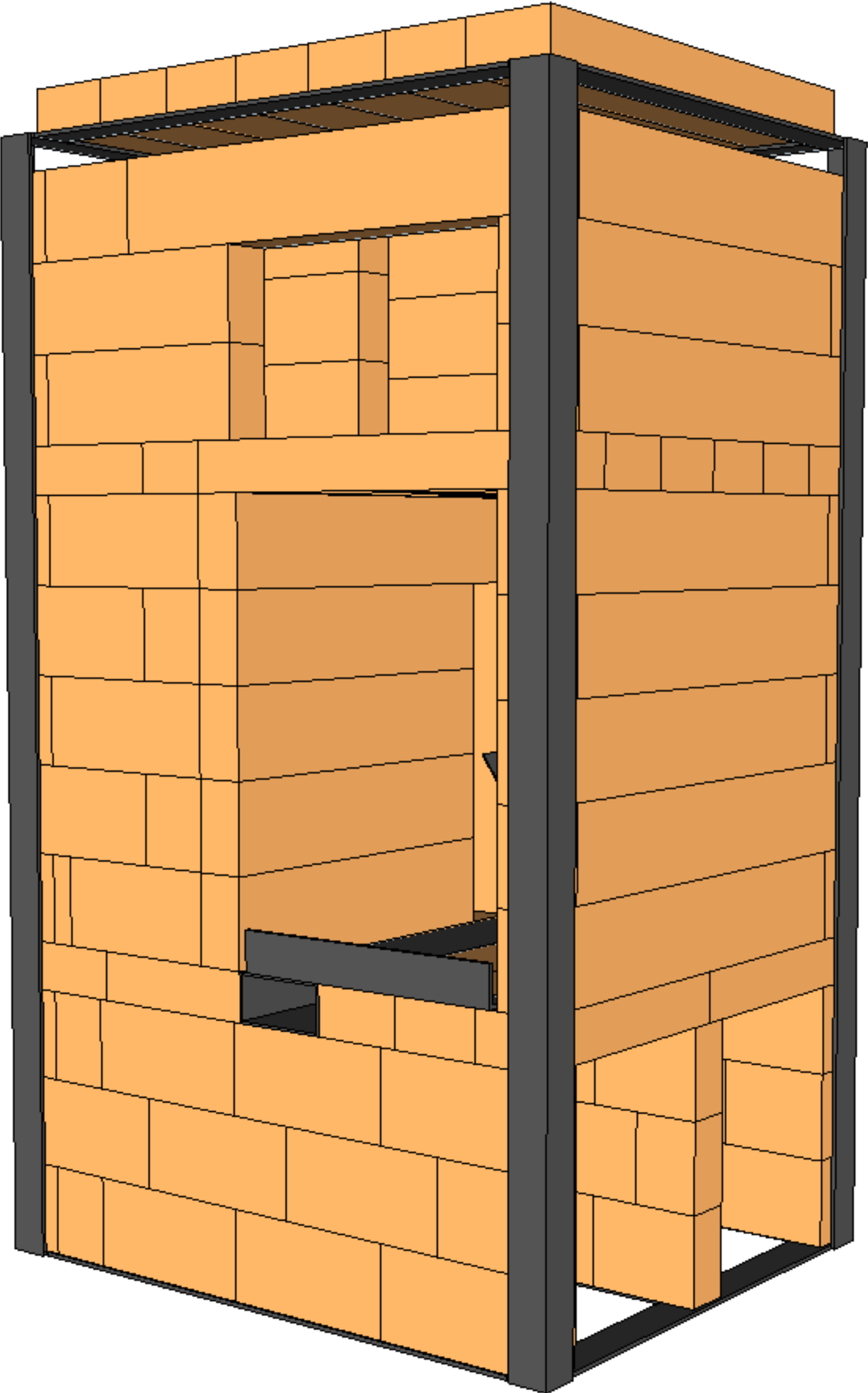
Attention les côtes données ici sont les côtes RÉELLES  
Sur les autres plans les côtes sont les côtes NOMINALES (ie sans tenir compte de l'épaisseur des joints)



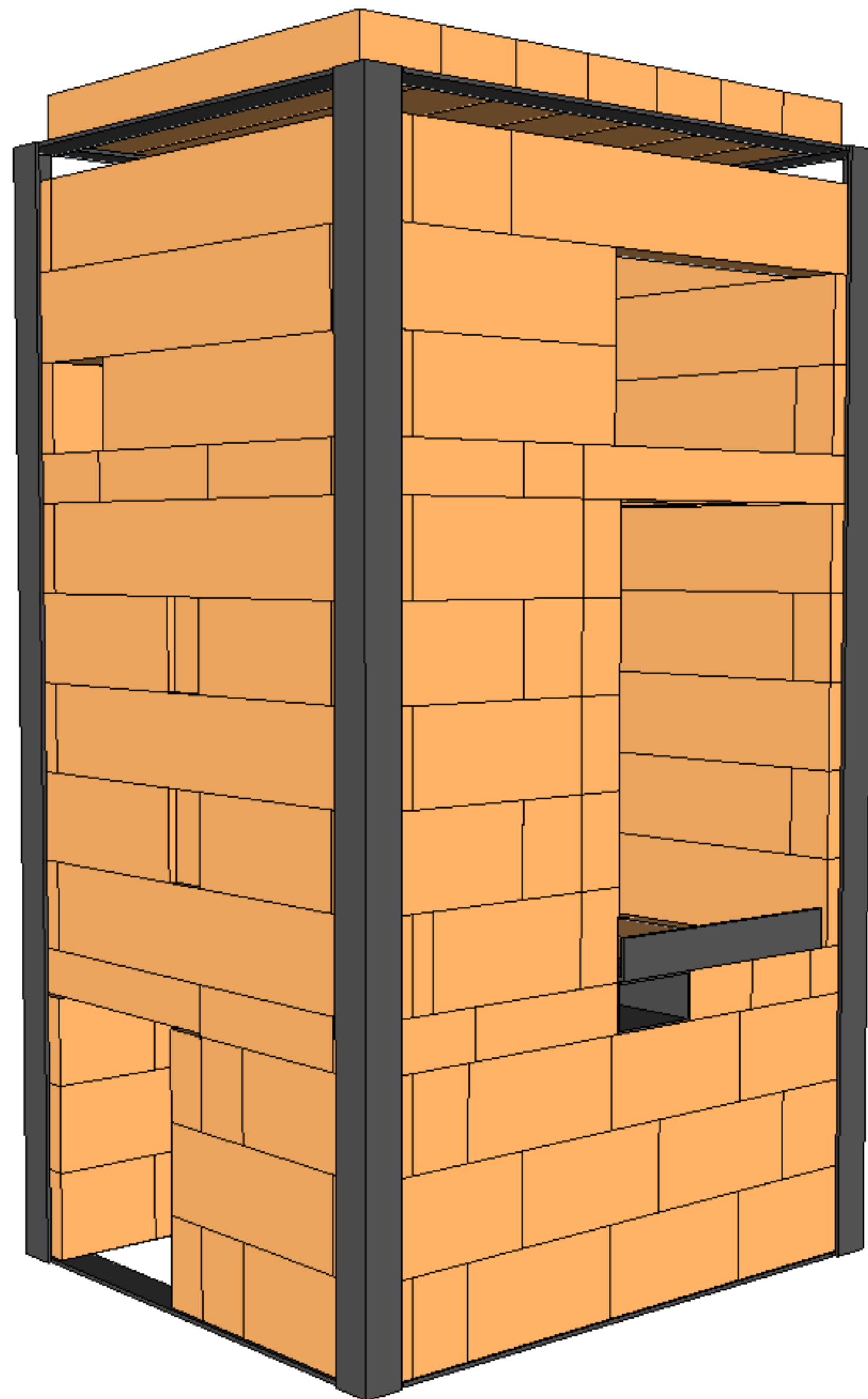
**CŒUR DE  
CHAUFFE**



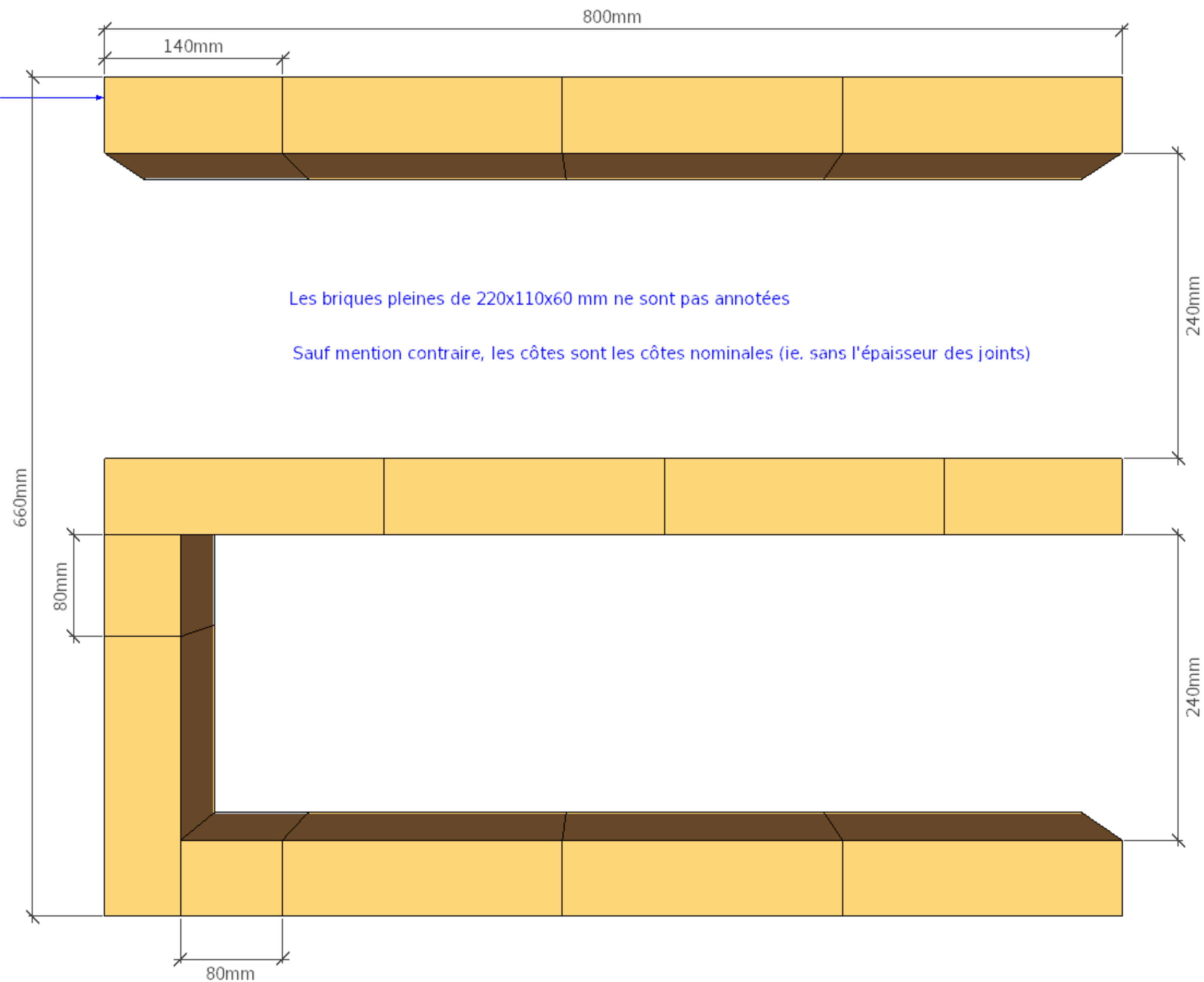
B28  
Coeur avec  
Cadre\_coeur et  
Cobra  
Vue de face/droite

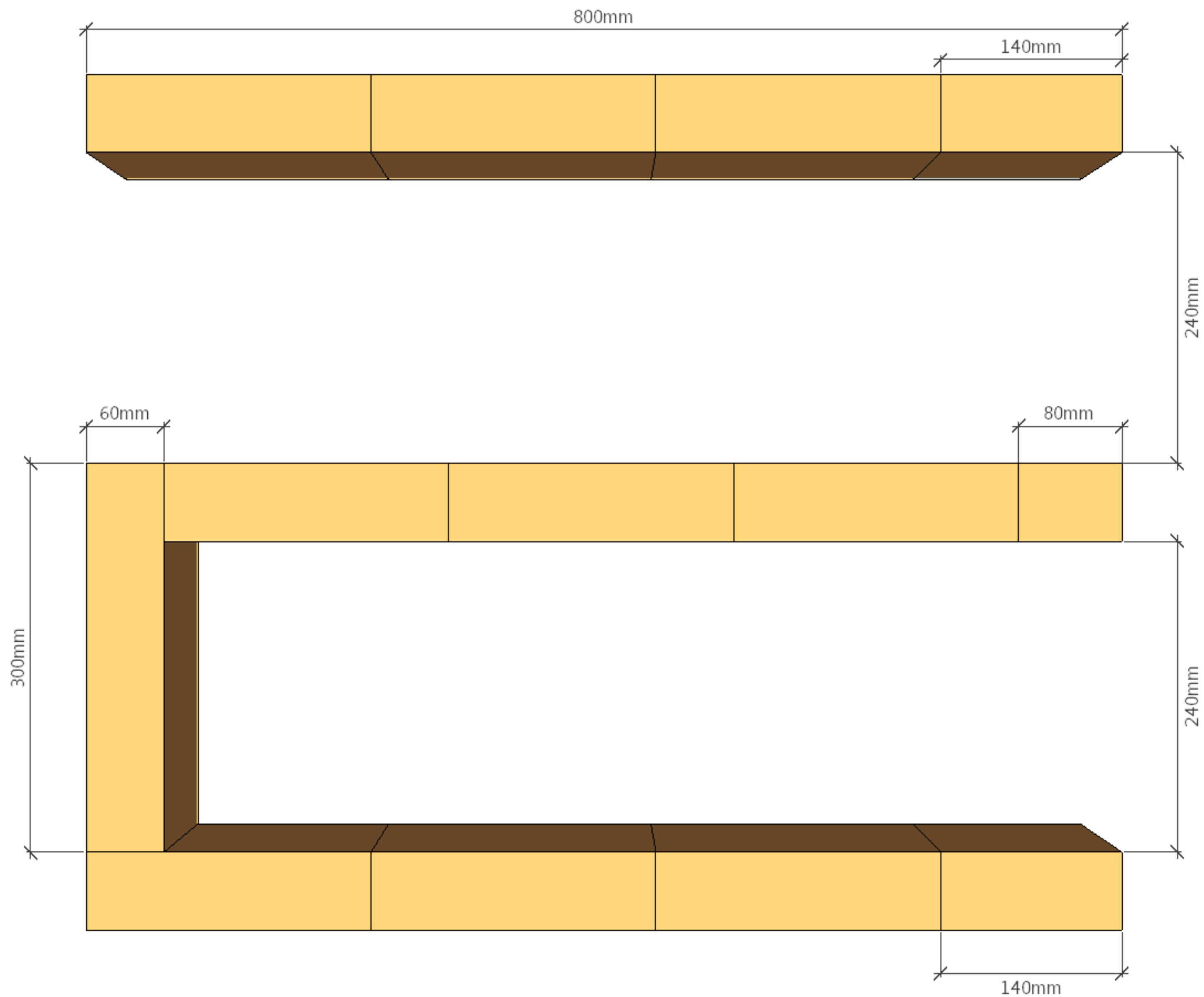


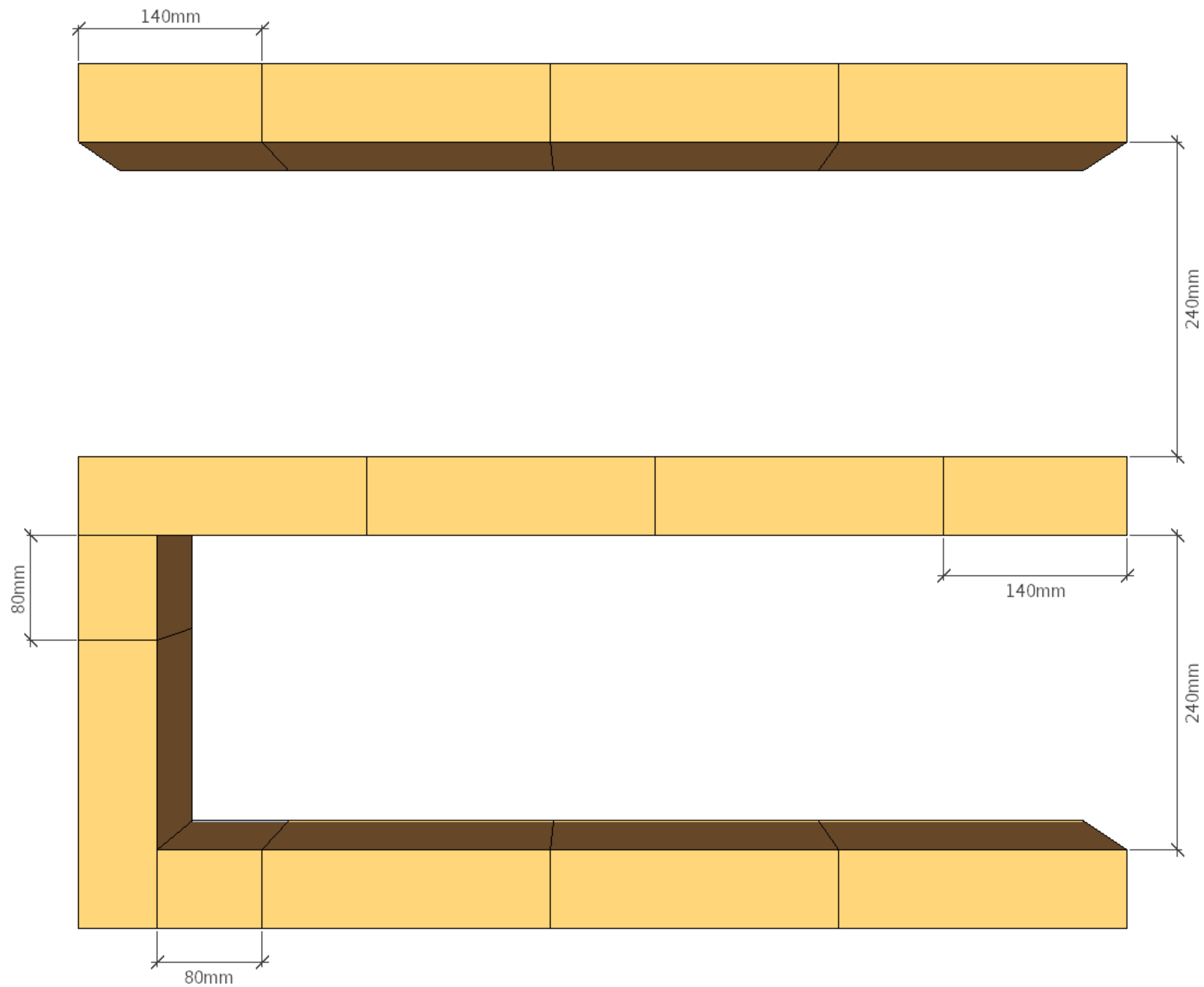
B28  
Coeur avec  
Cadre\_coeur et  
Cobra  
Vue de face/gauche

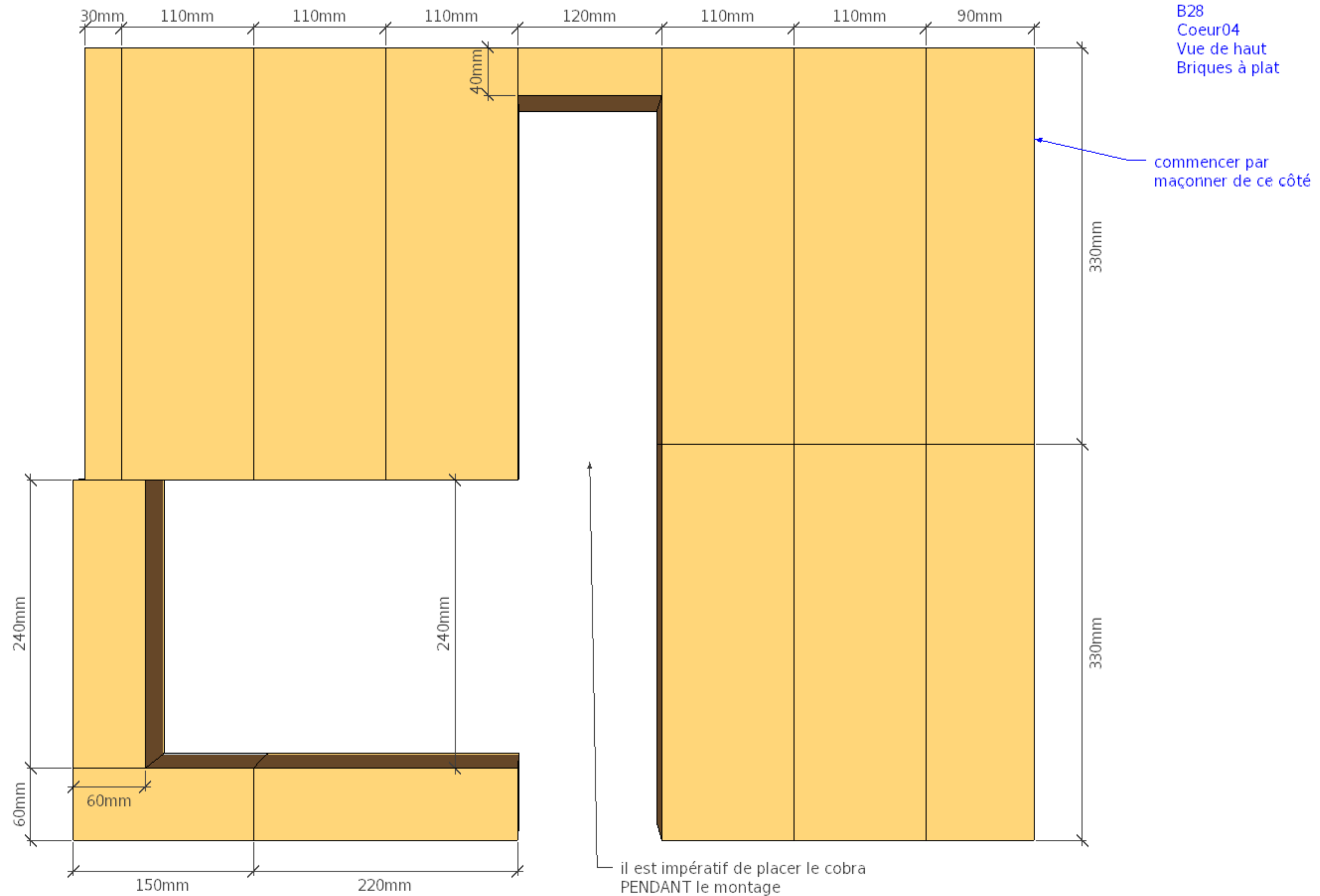


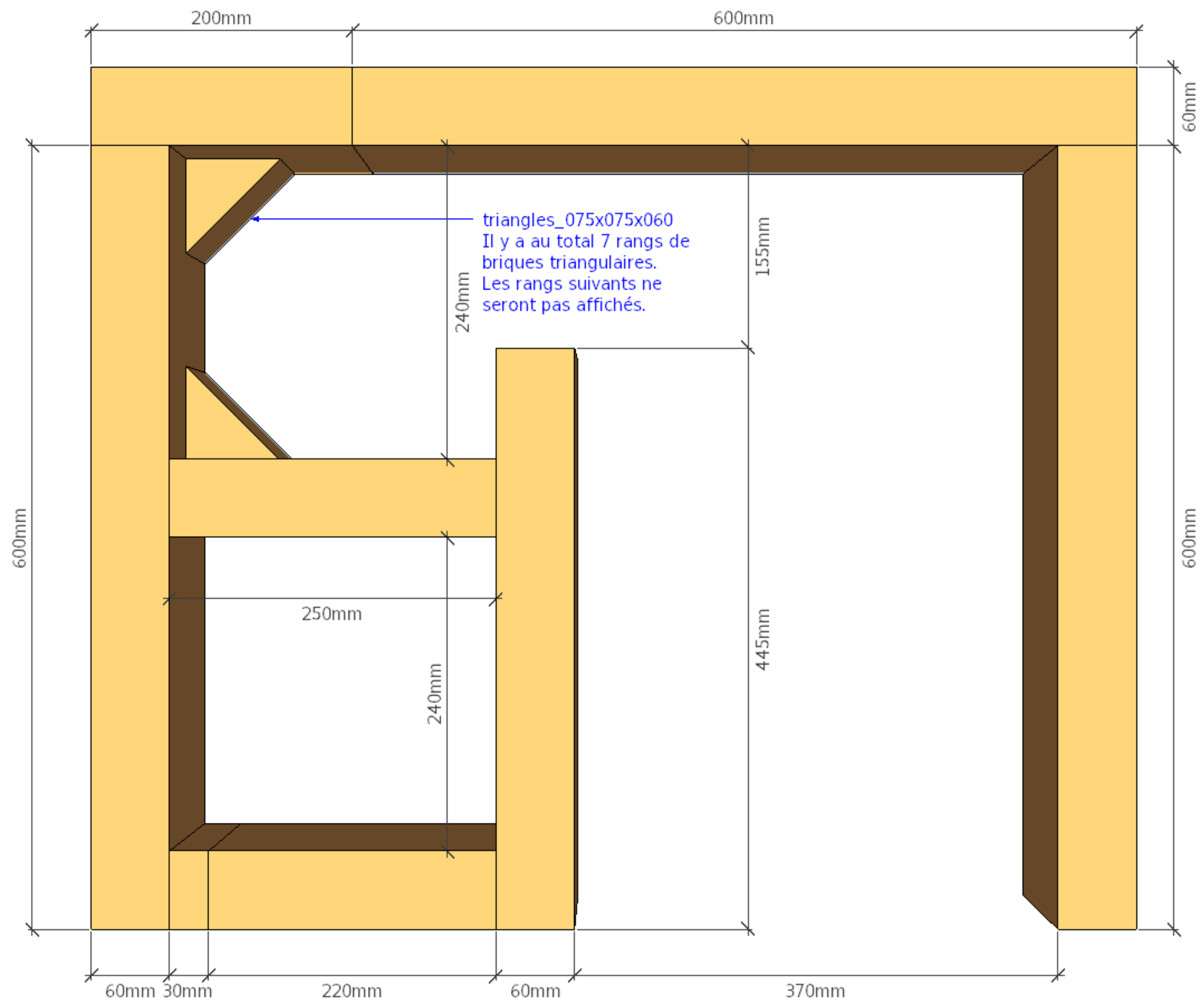
bien remplir  
l'espace entre les bords  
des briques et le cadre  
métallique avec du mortier

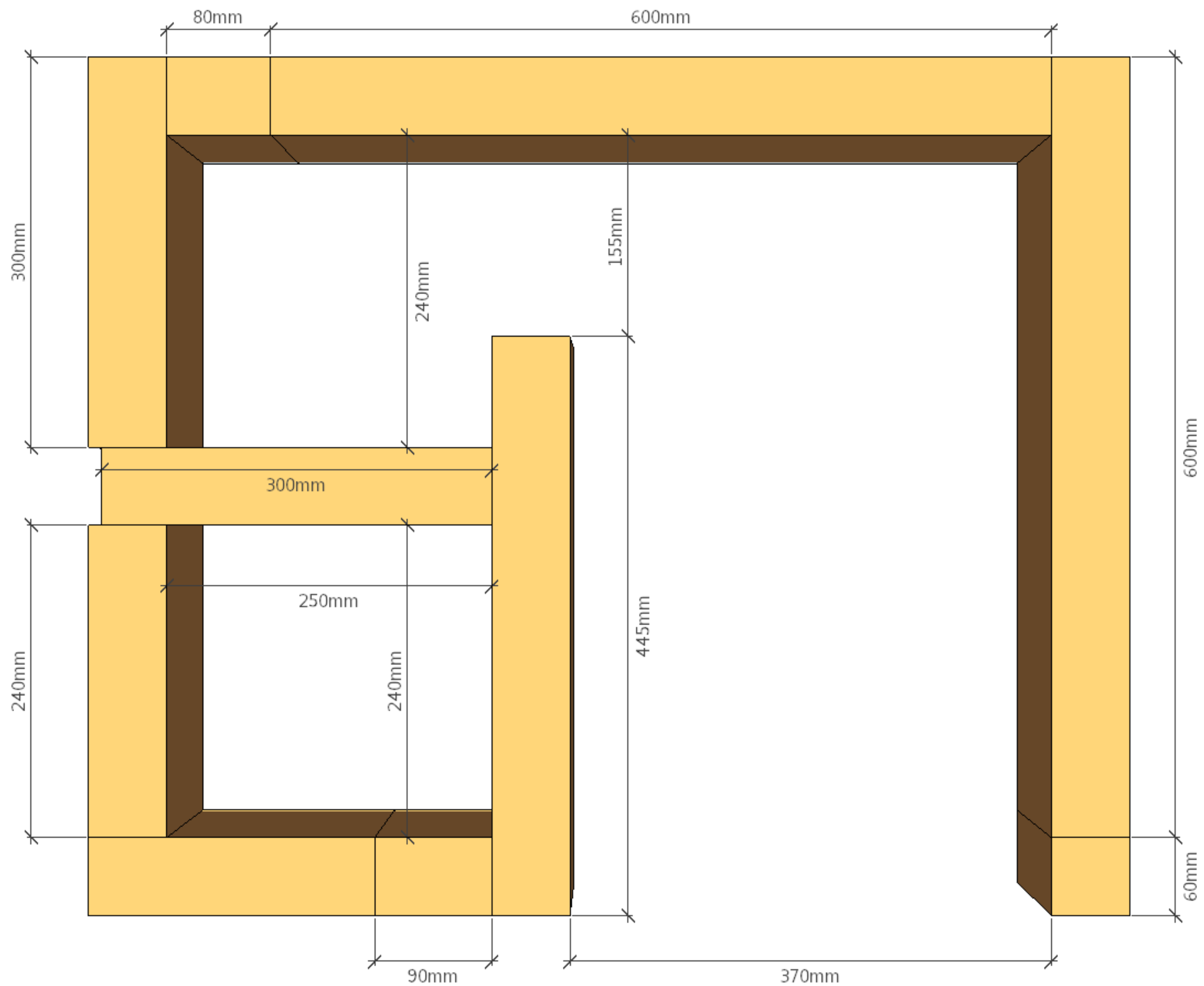




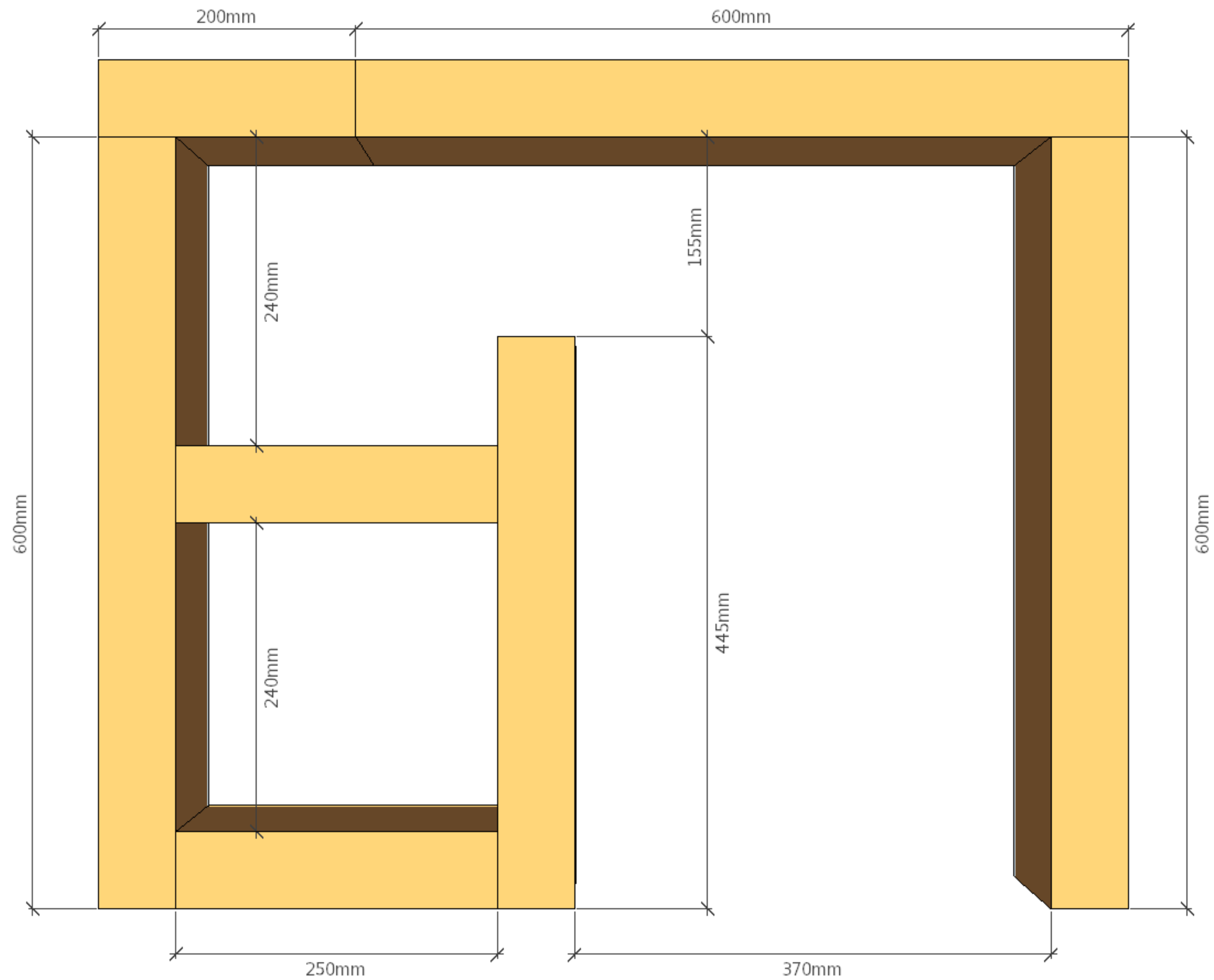


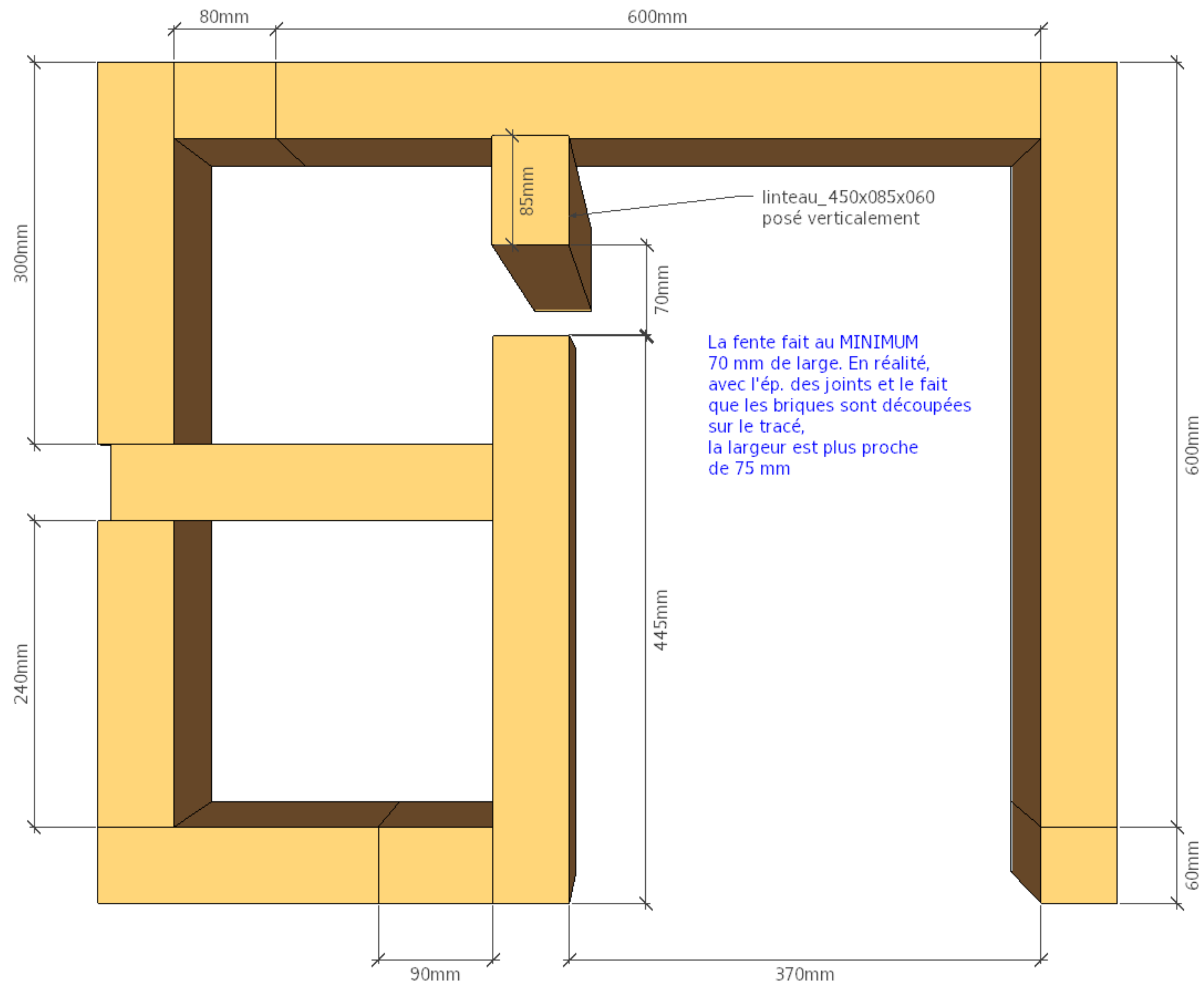


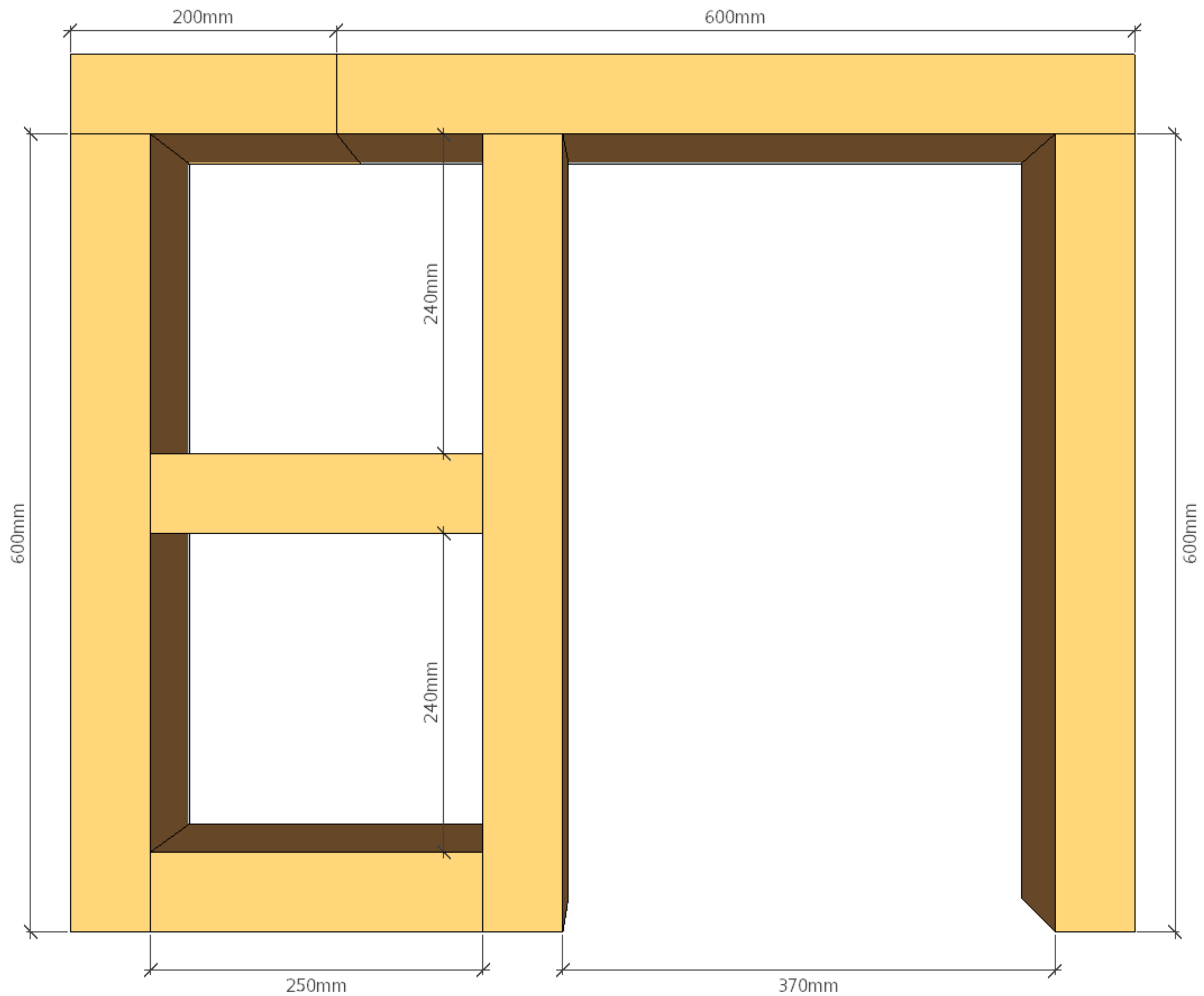


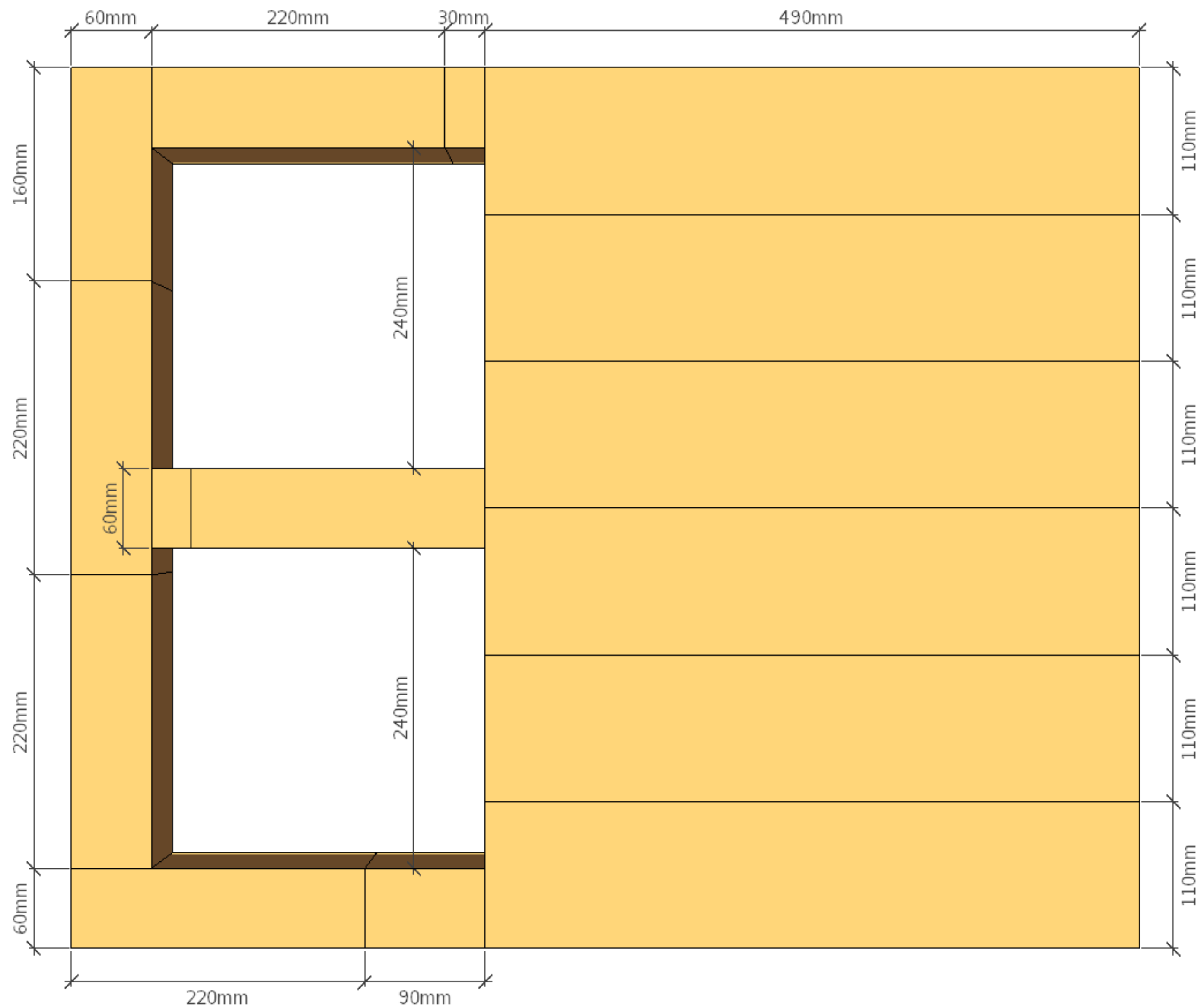




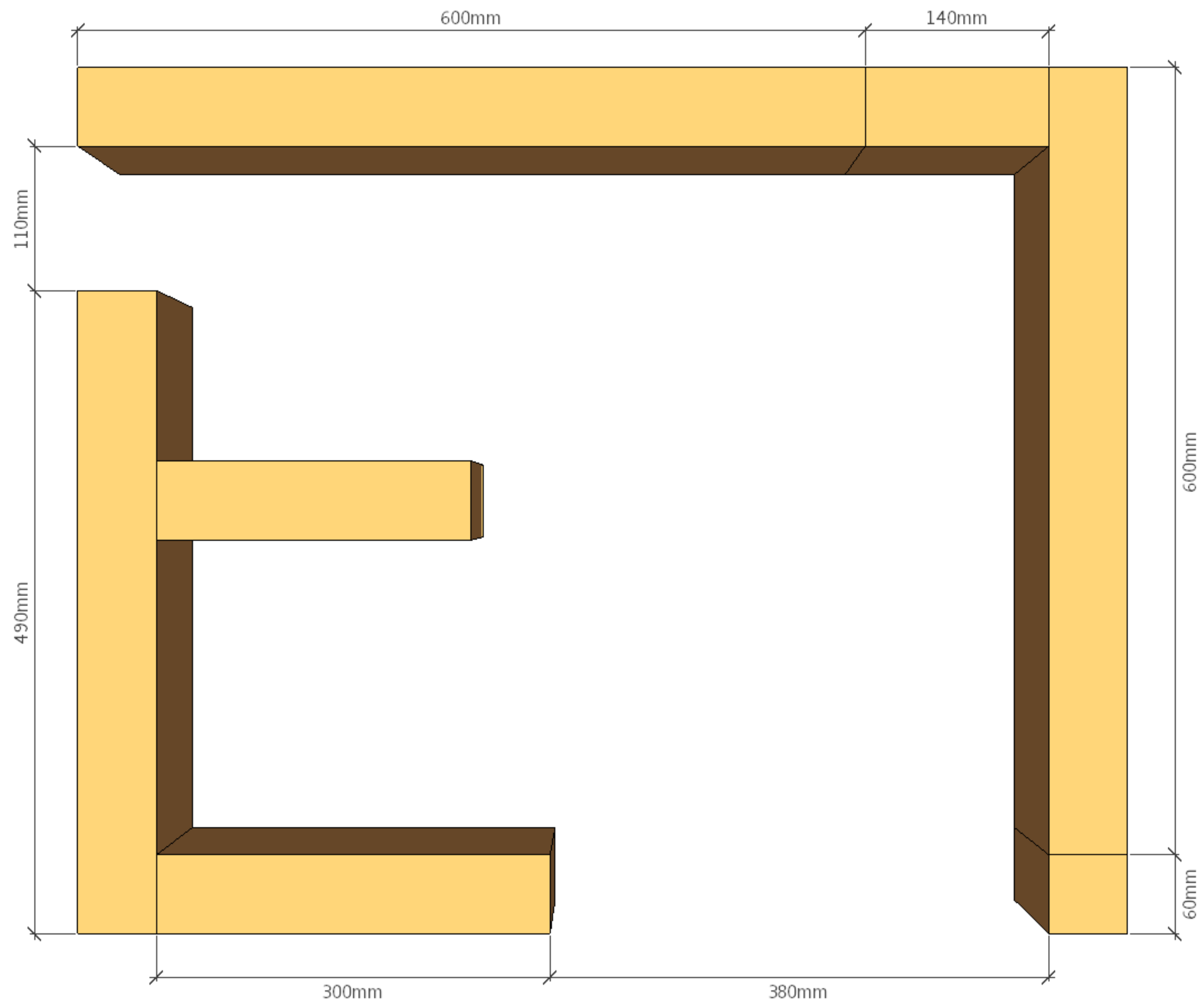




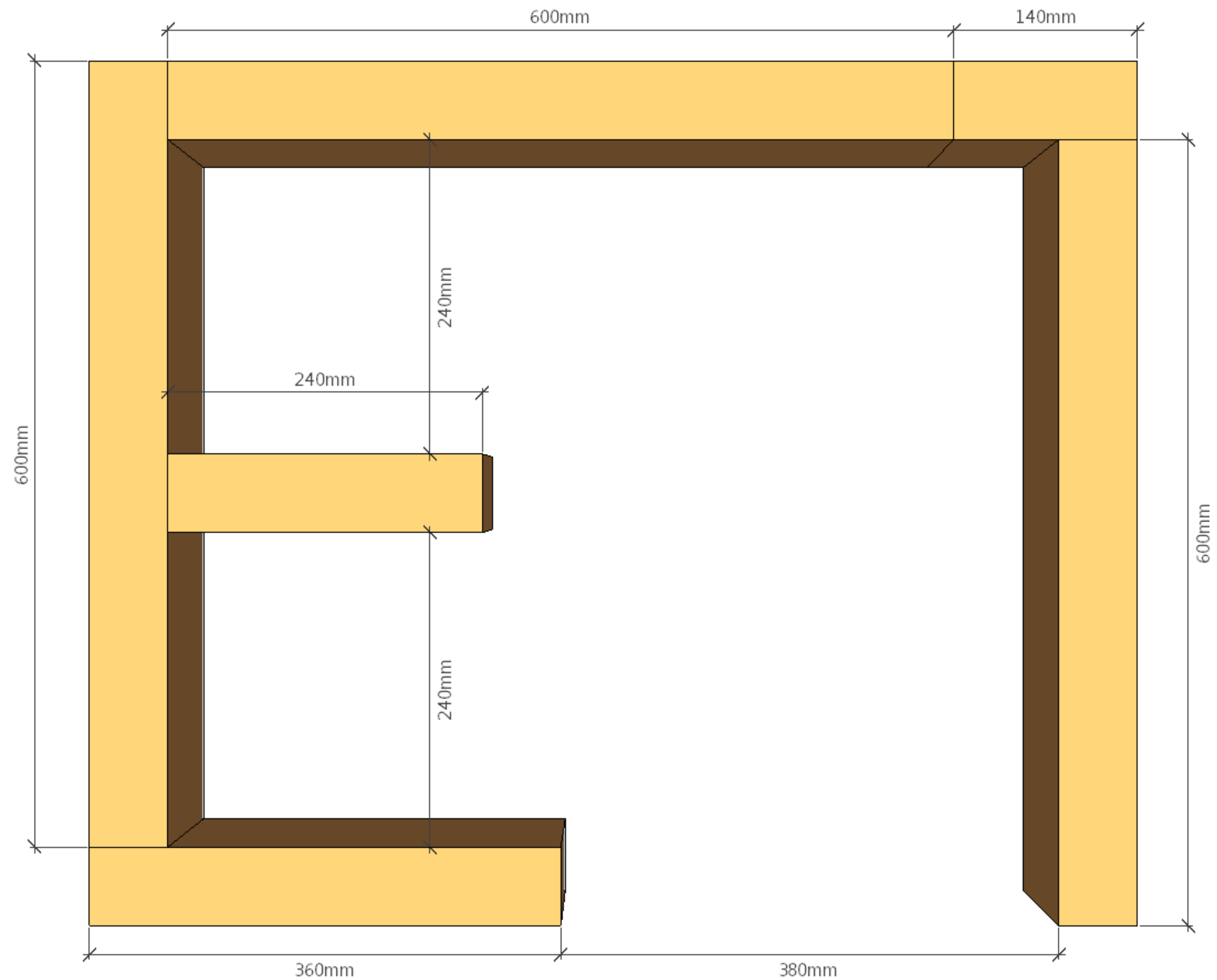




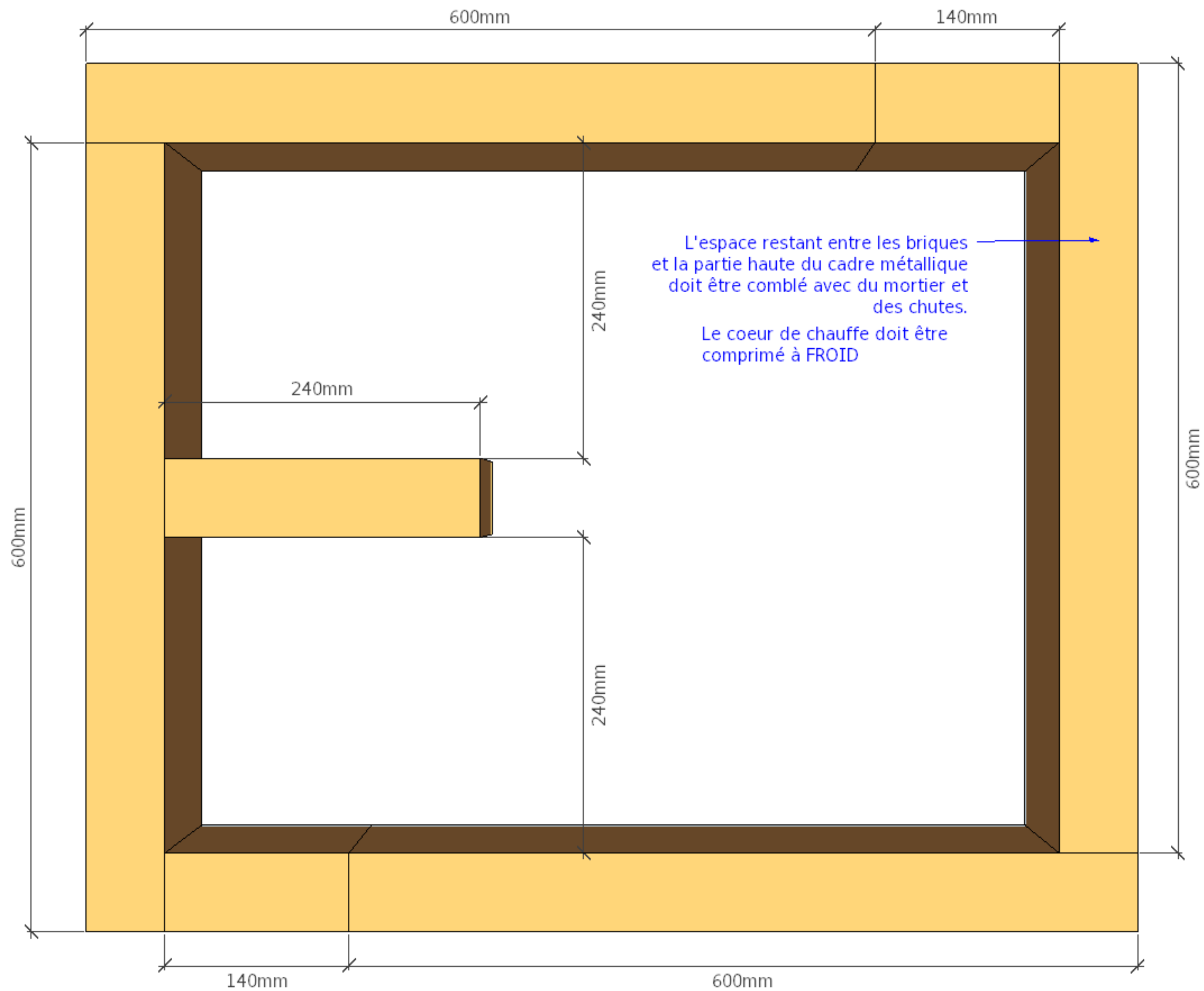
B28  
Coeur10  
Vue de haut  
Briques à plat



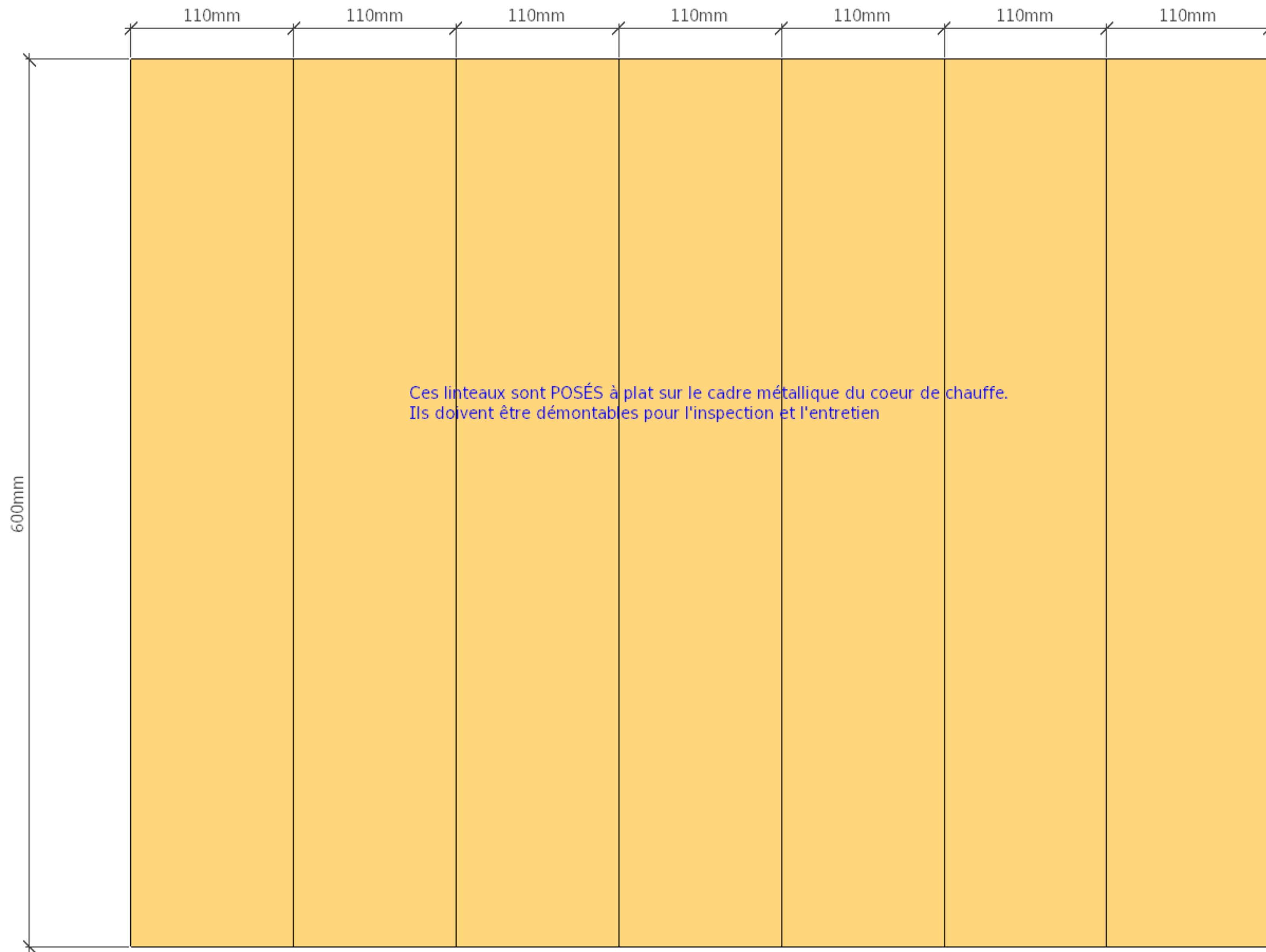
B28  
Coeur11  
Vue de haut  
Briques sur champ



B28  
Coeur12  
Vue de haut  
Briques sur champ



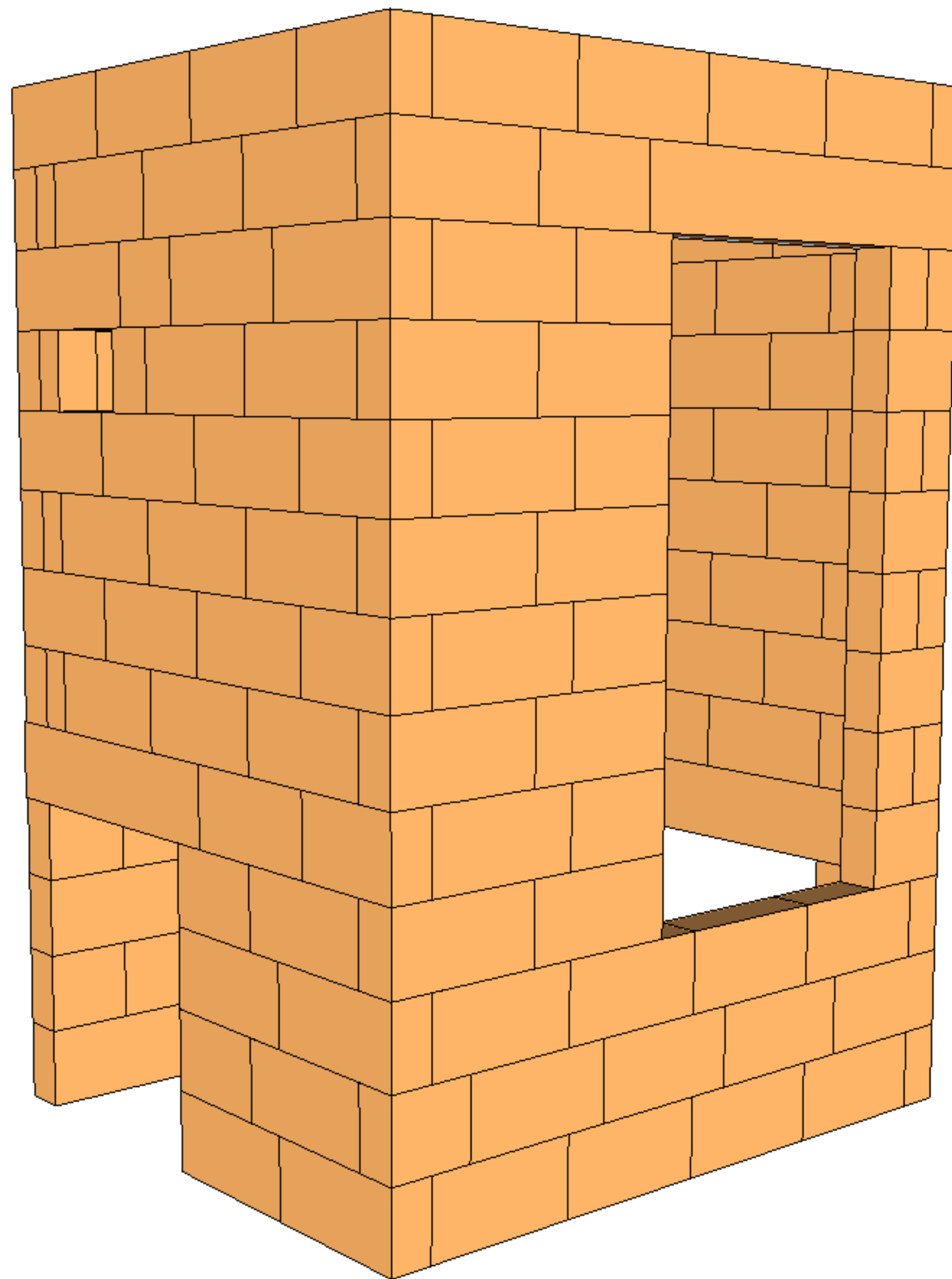
B28  
Coeur13  
Vue de haut  
Briques sur champ



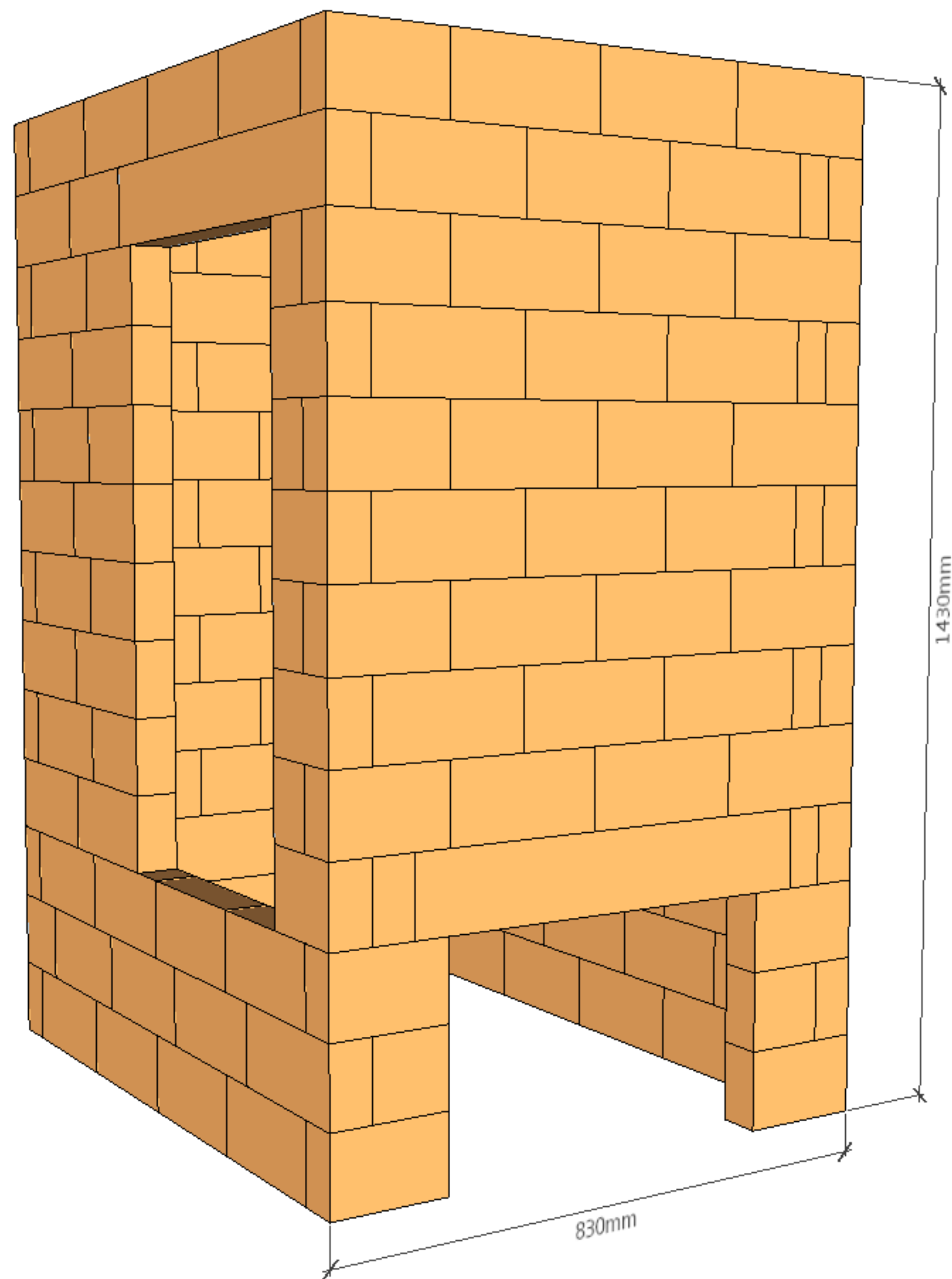
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Coeur14  
Vue de haut  
Briques à plat

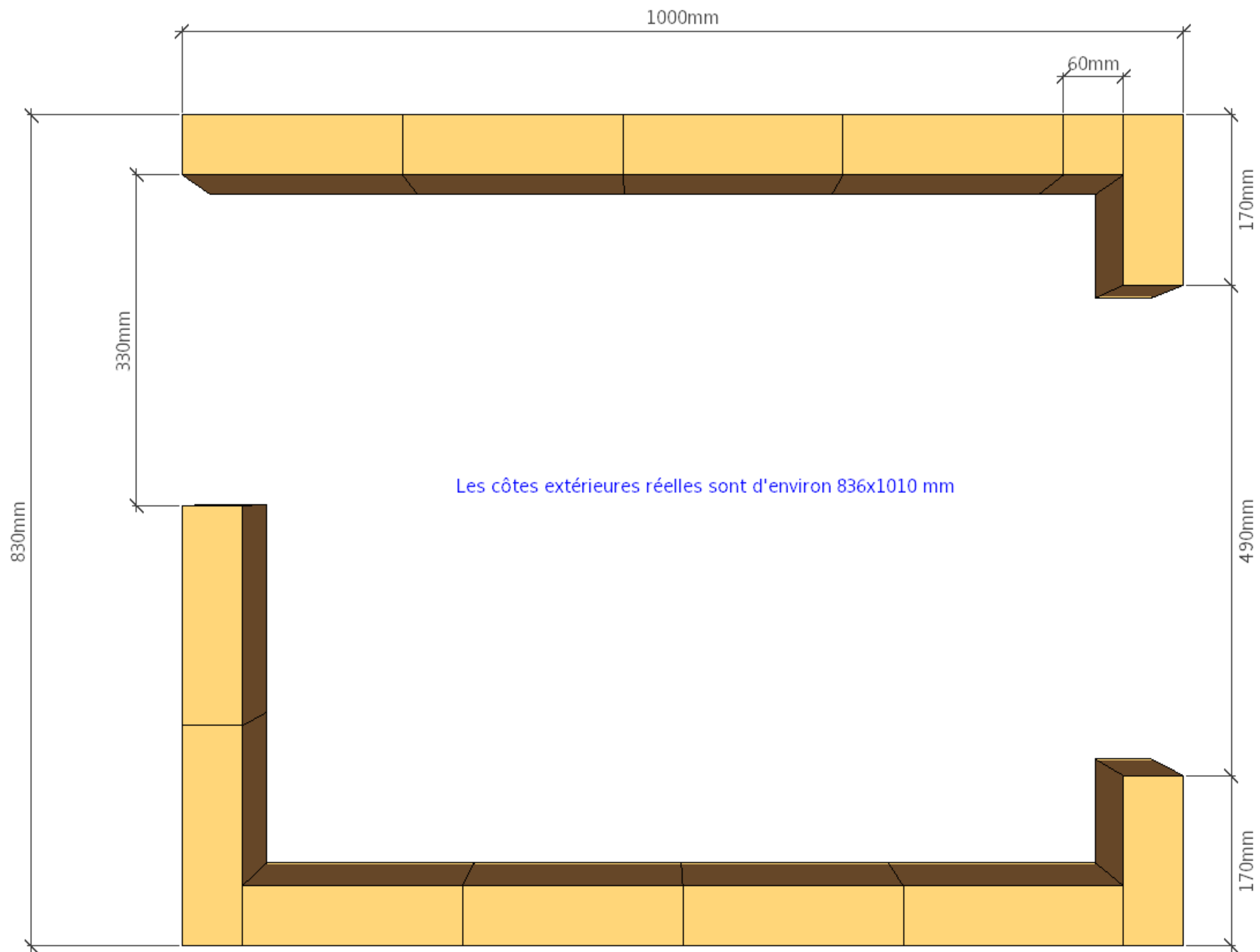


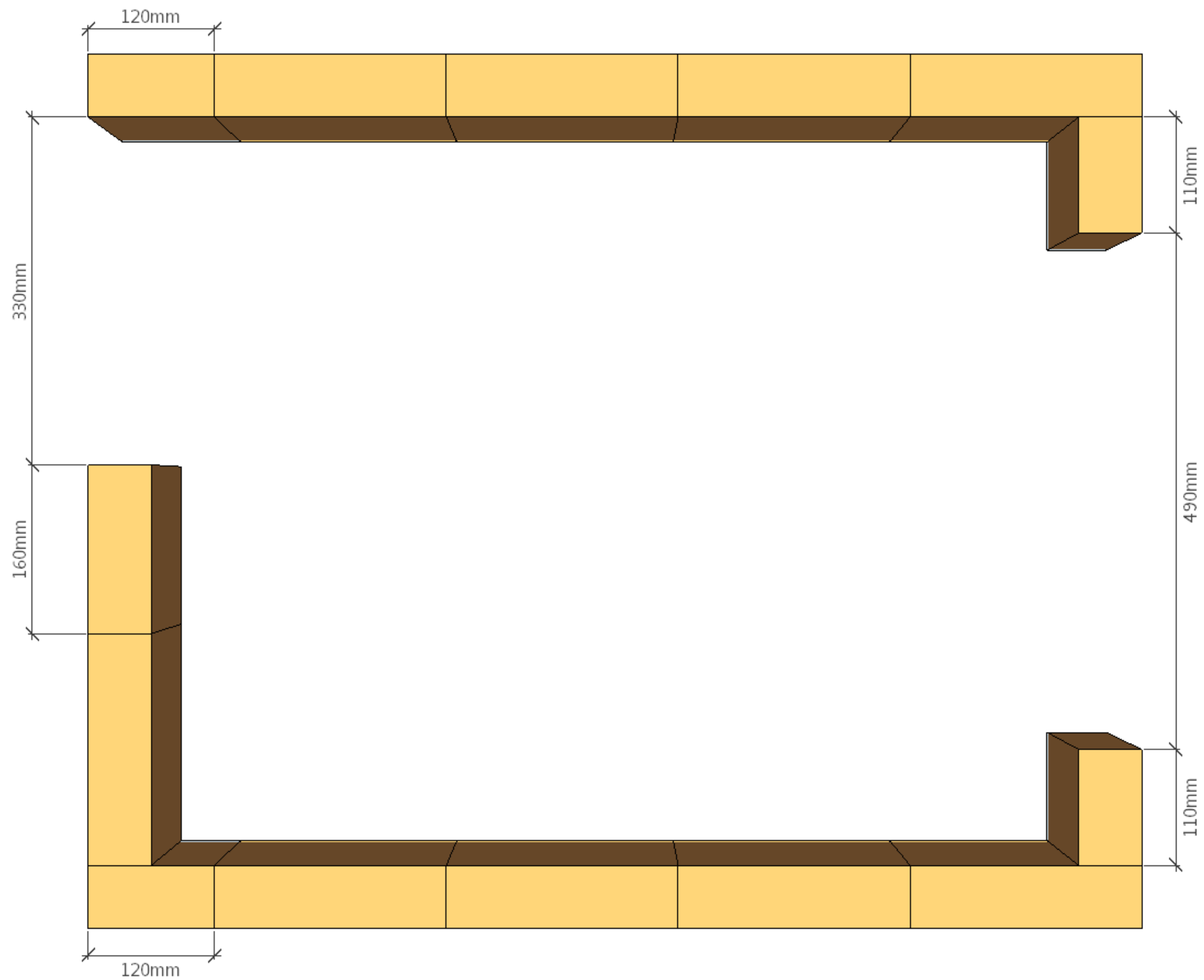
**HABILLAGE**

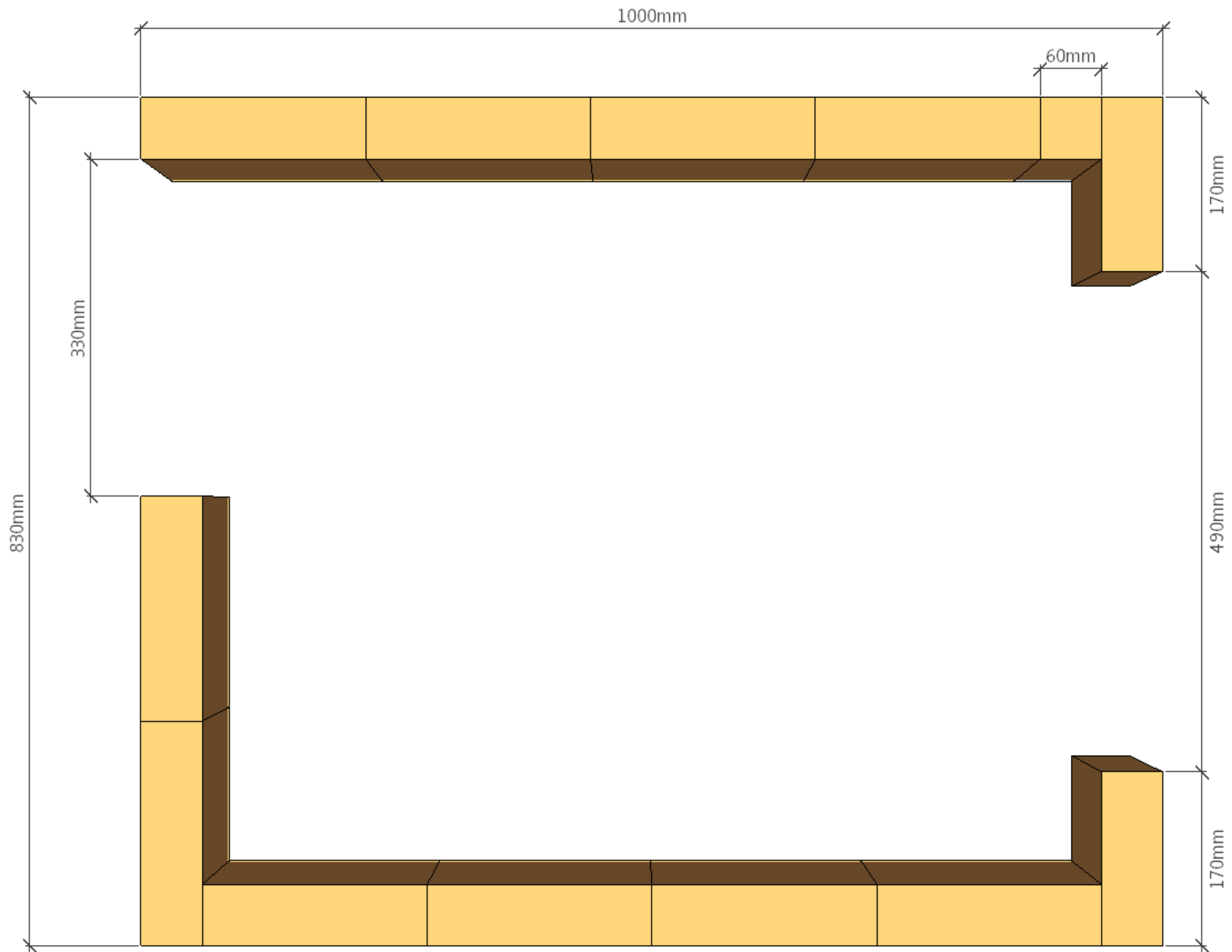


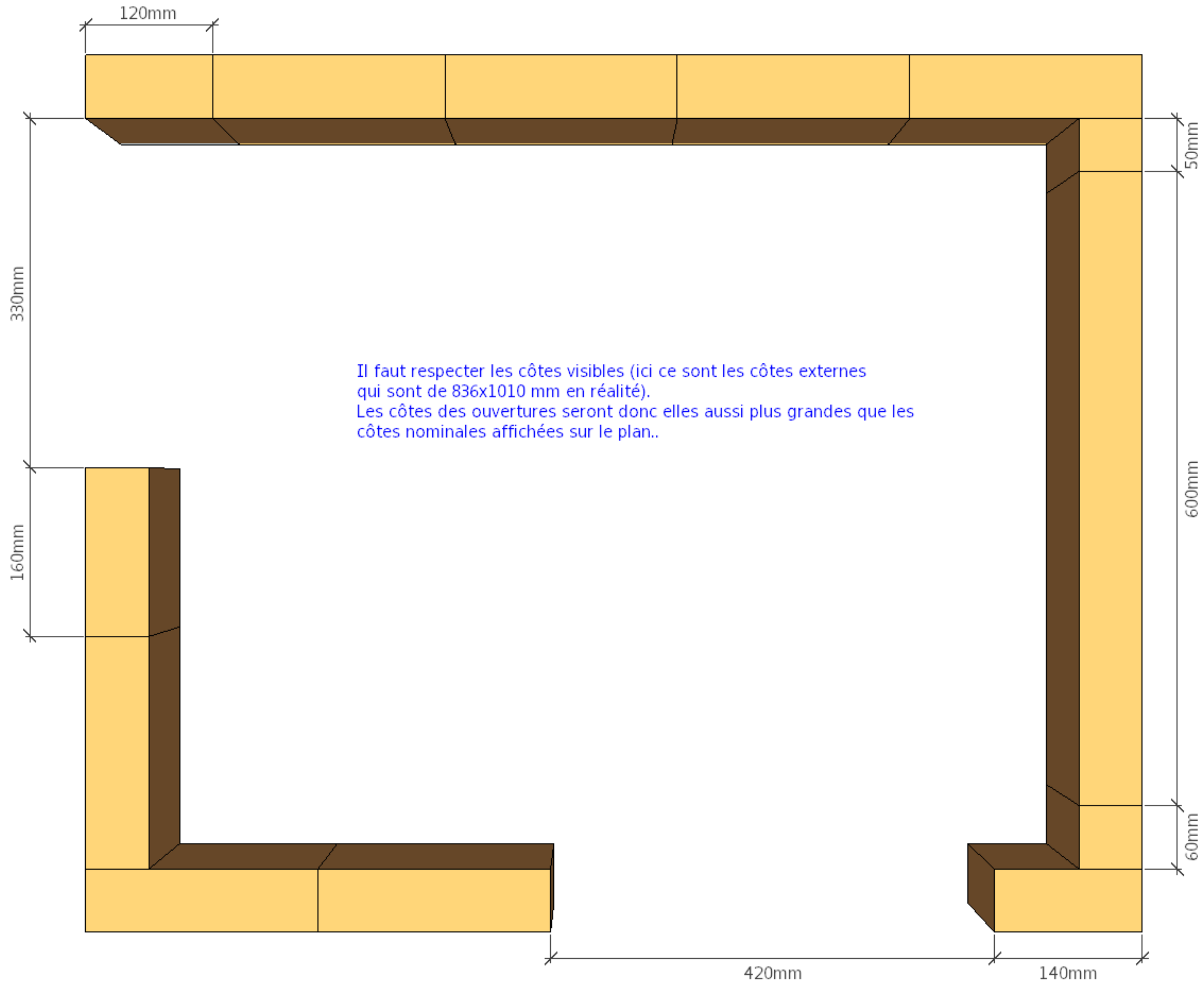
B28  
Habillage  
Vue de droite/face  
Briques sur champ

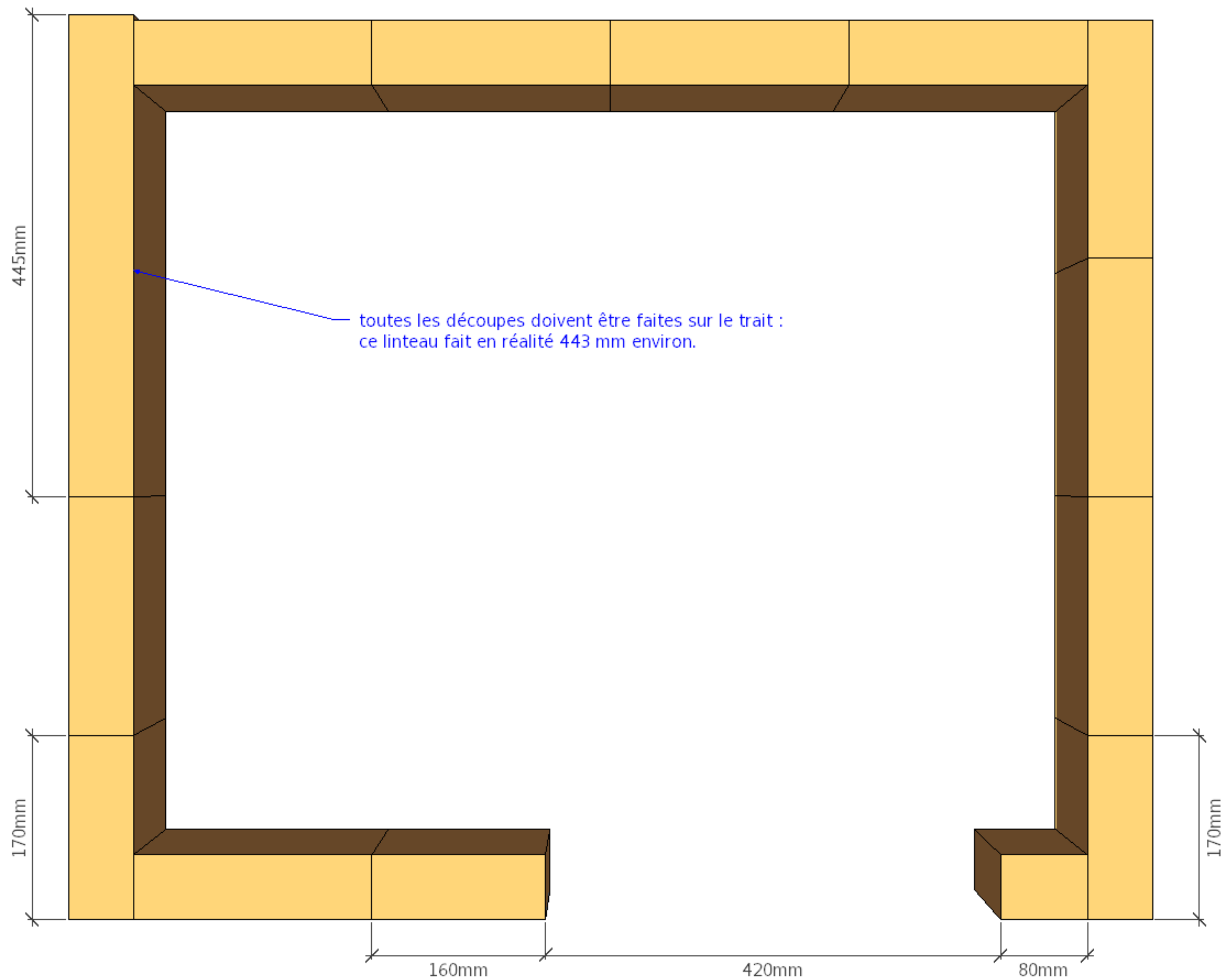




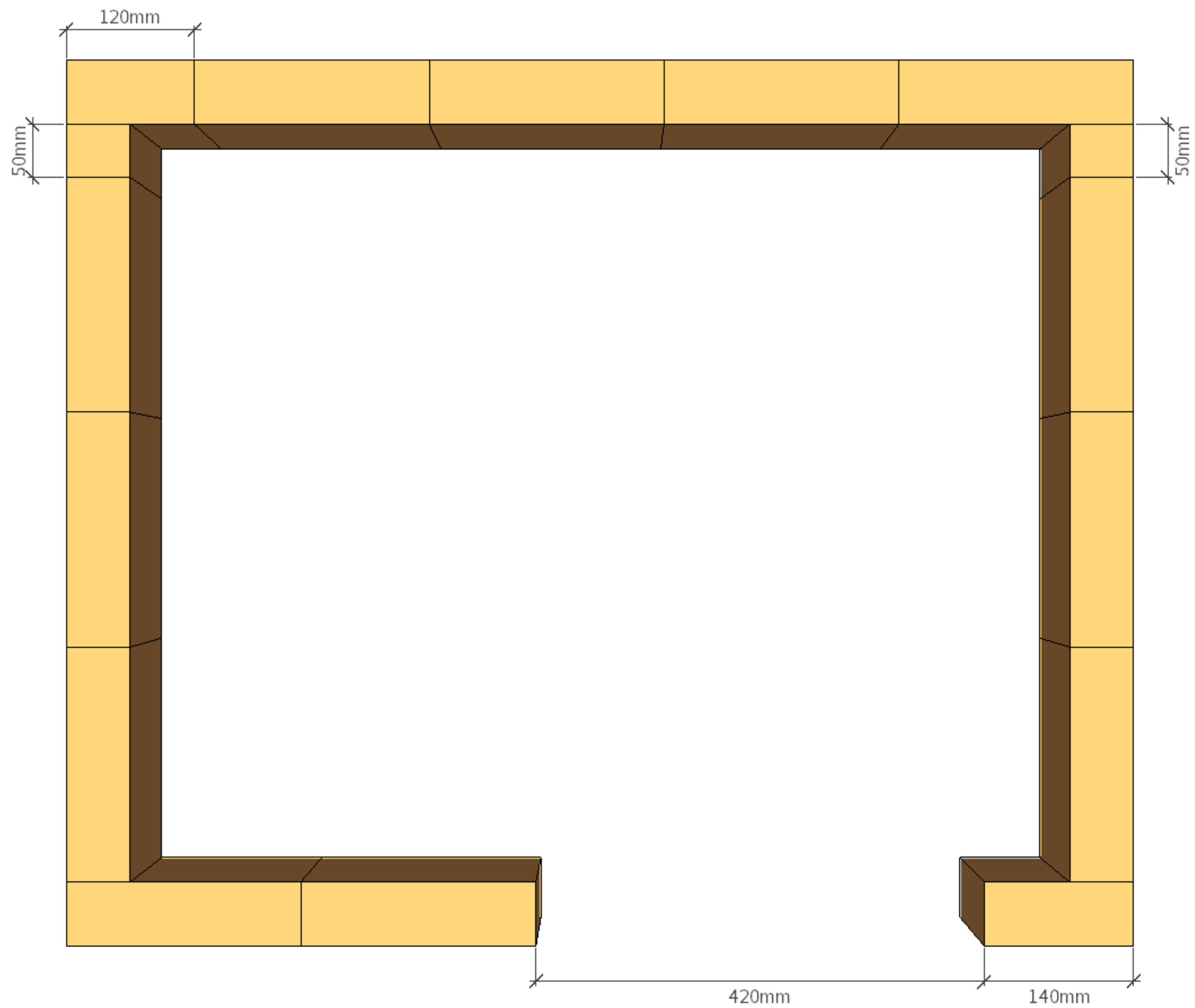


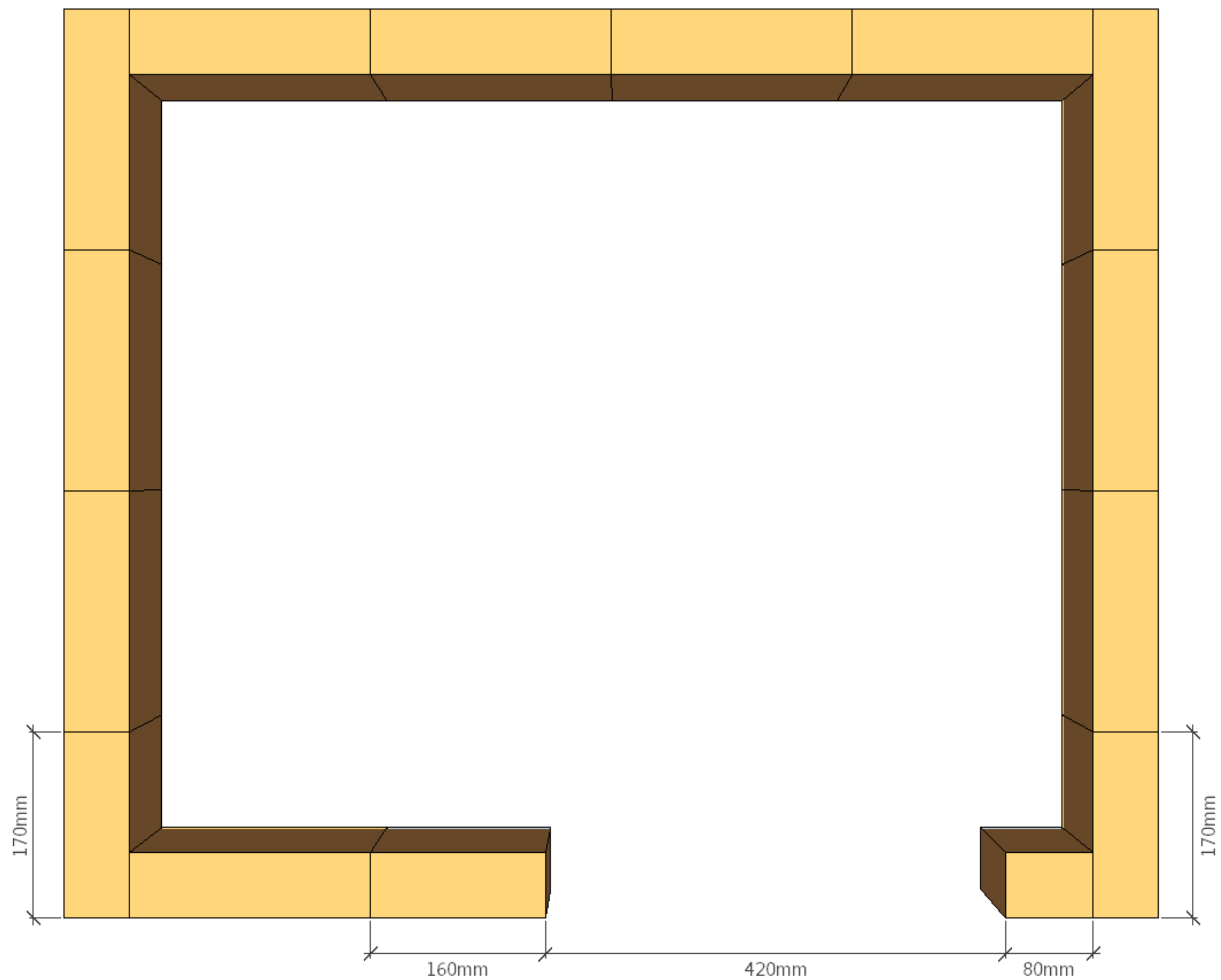


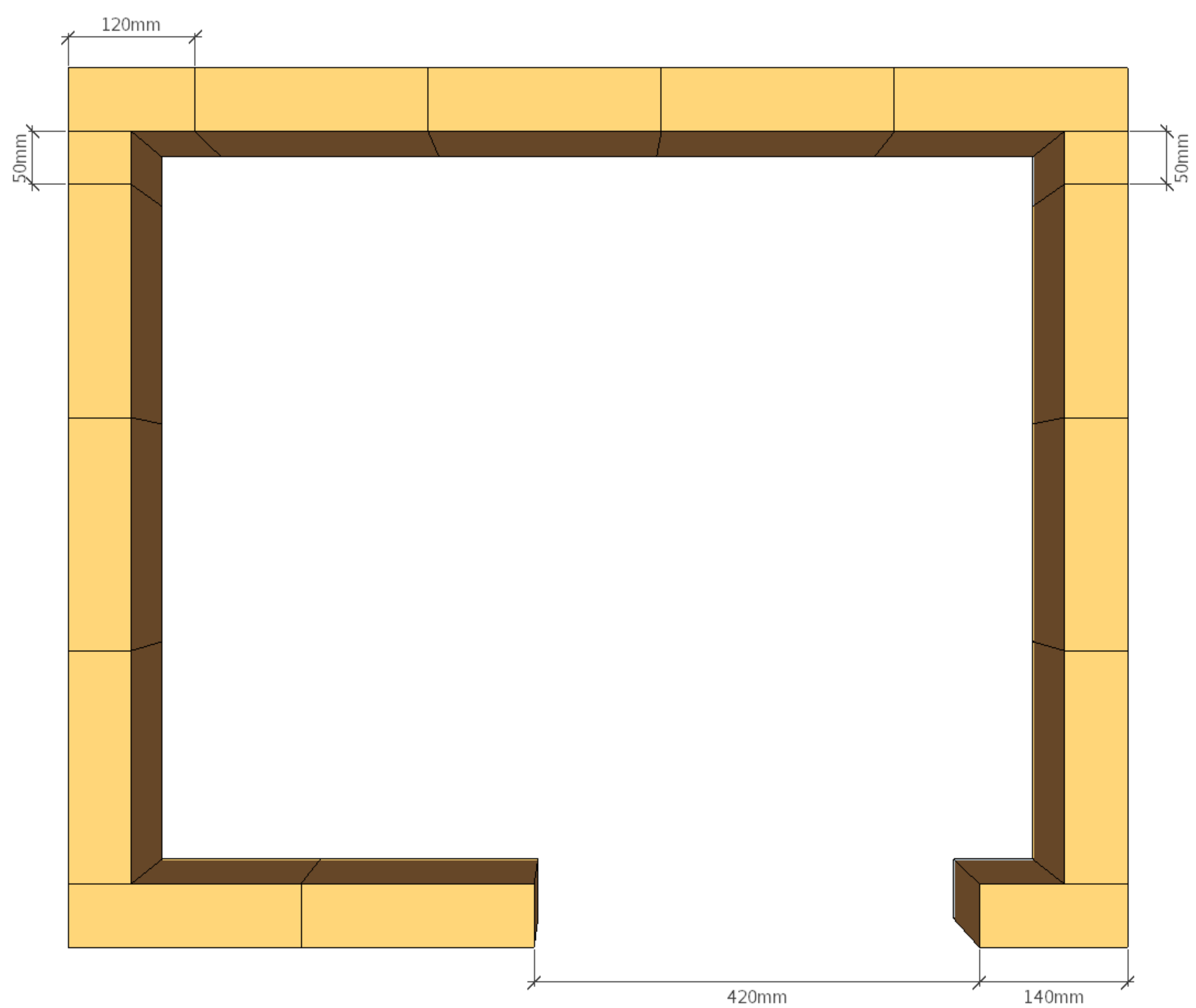


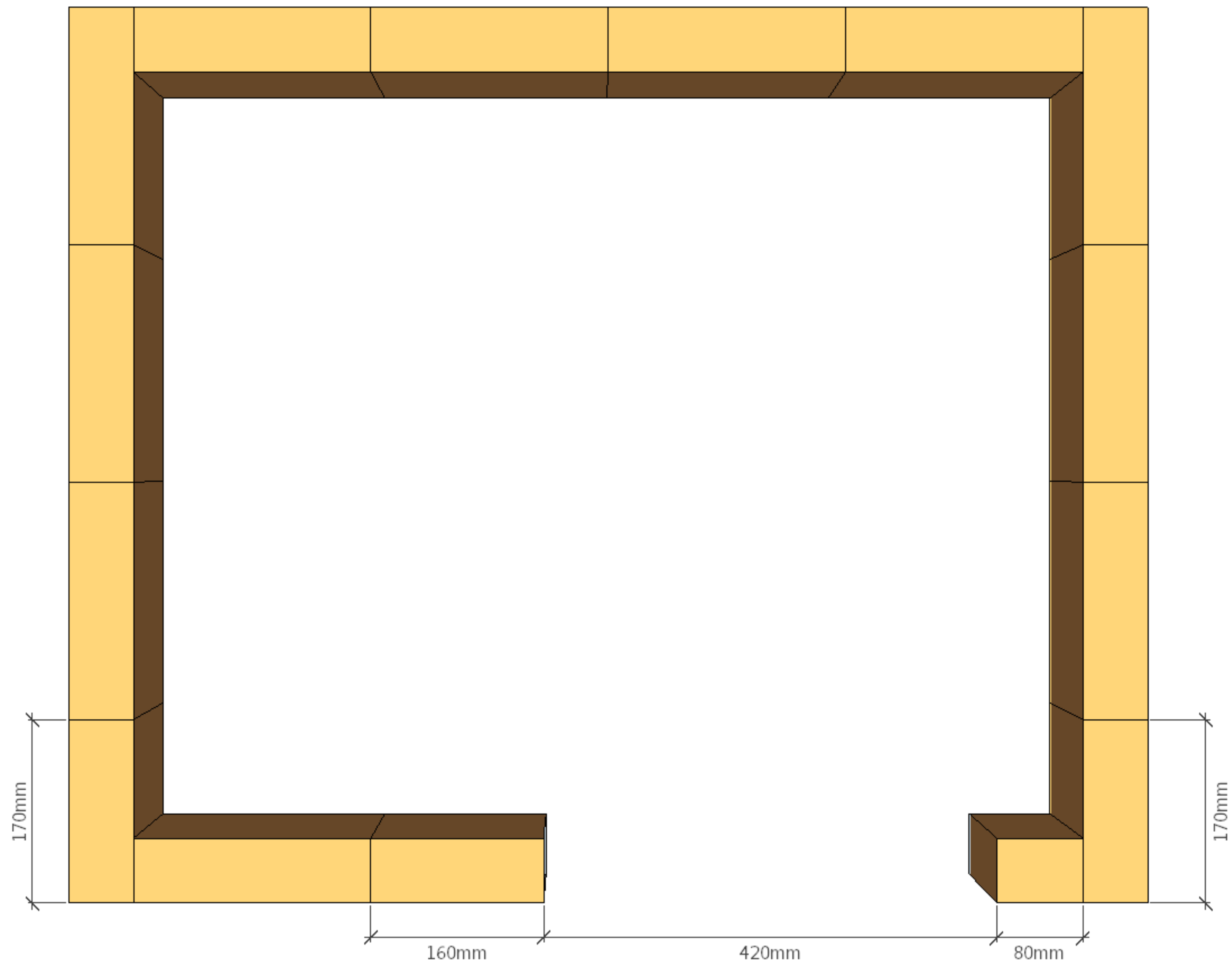


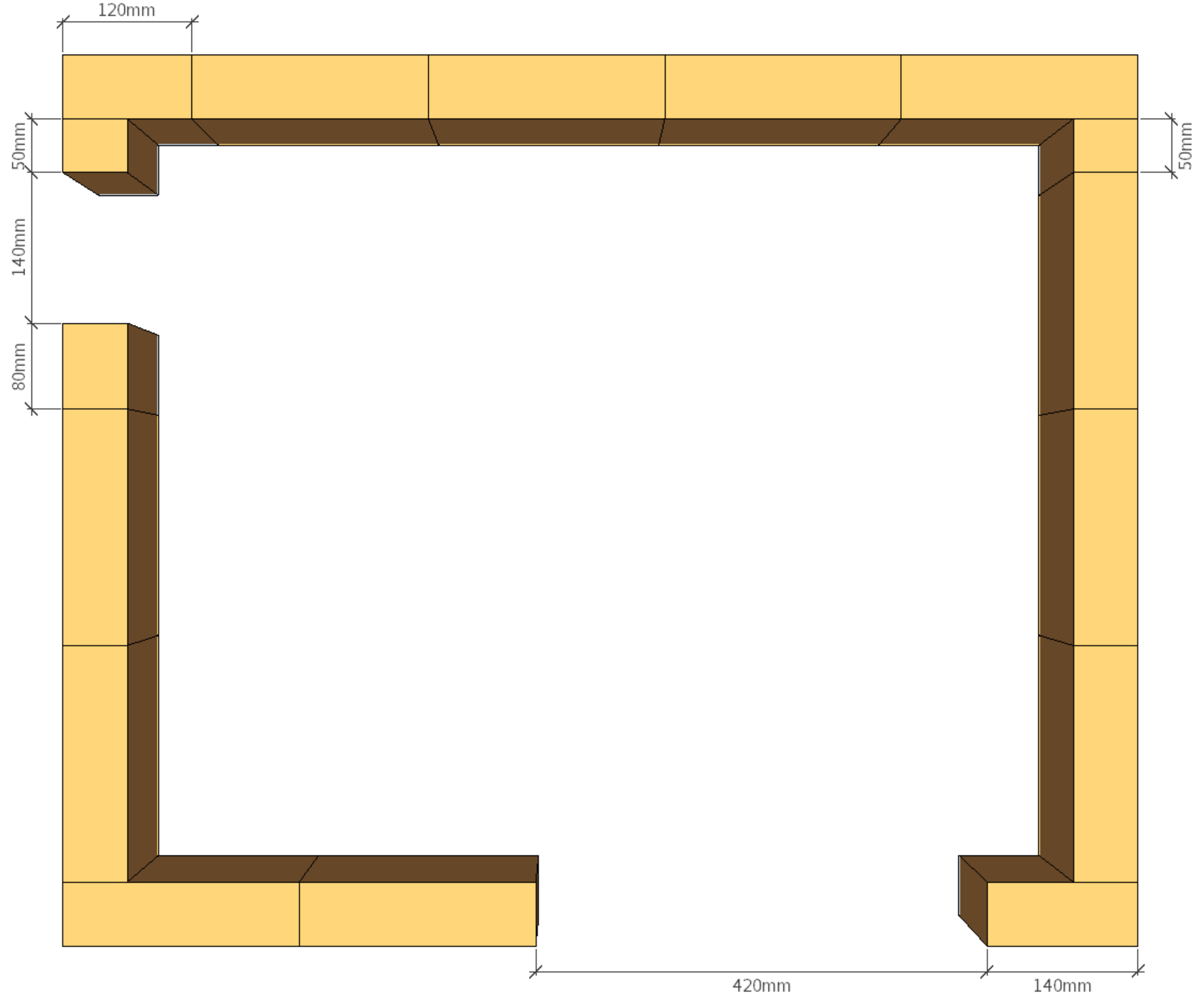




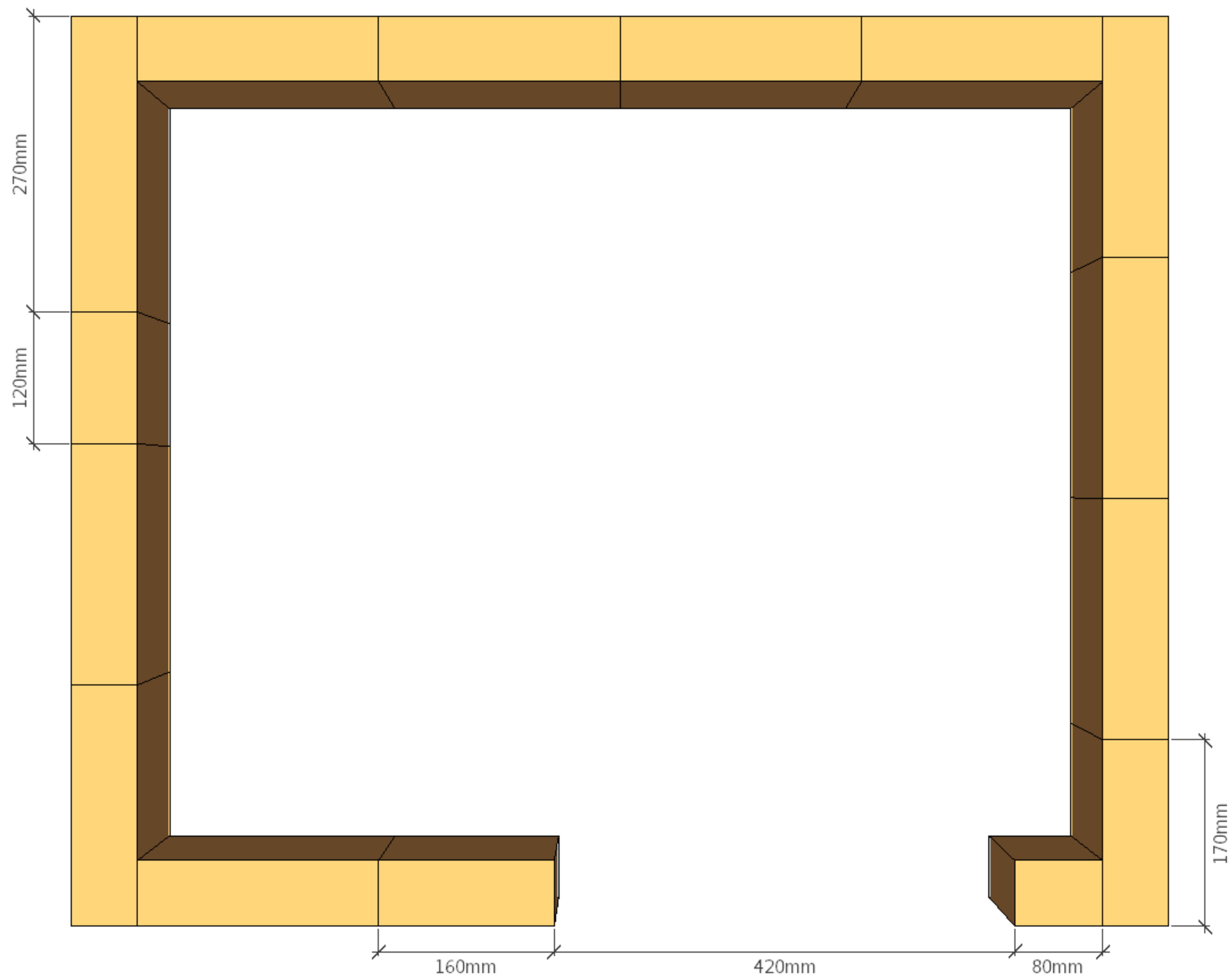


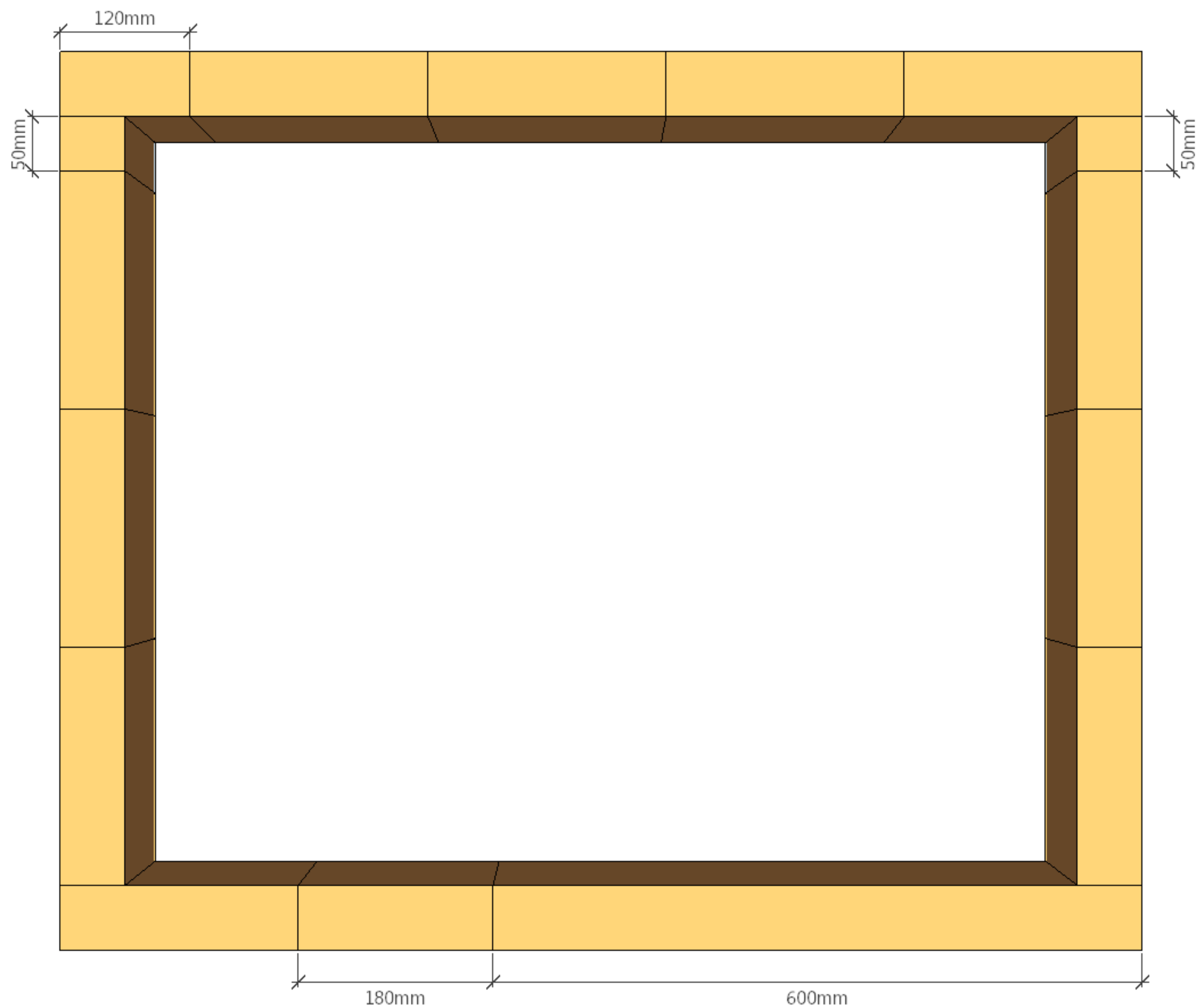


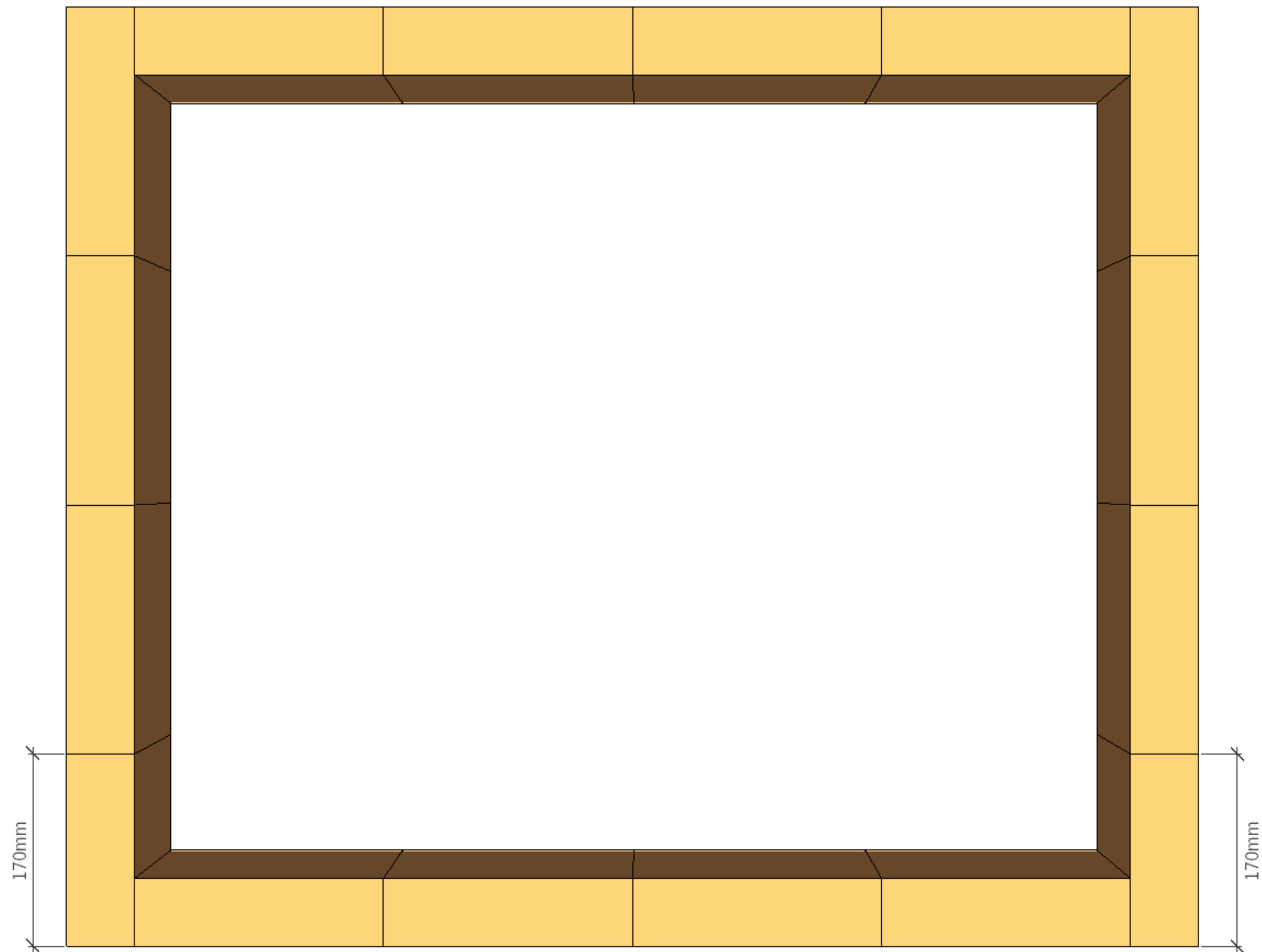




B28  
Habillage10  
Vue de haut  
Briques sur champ

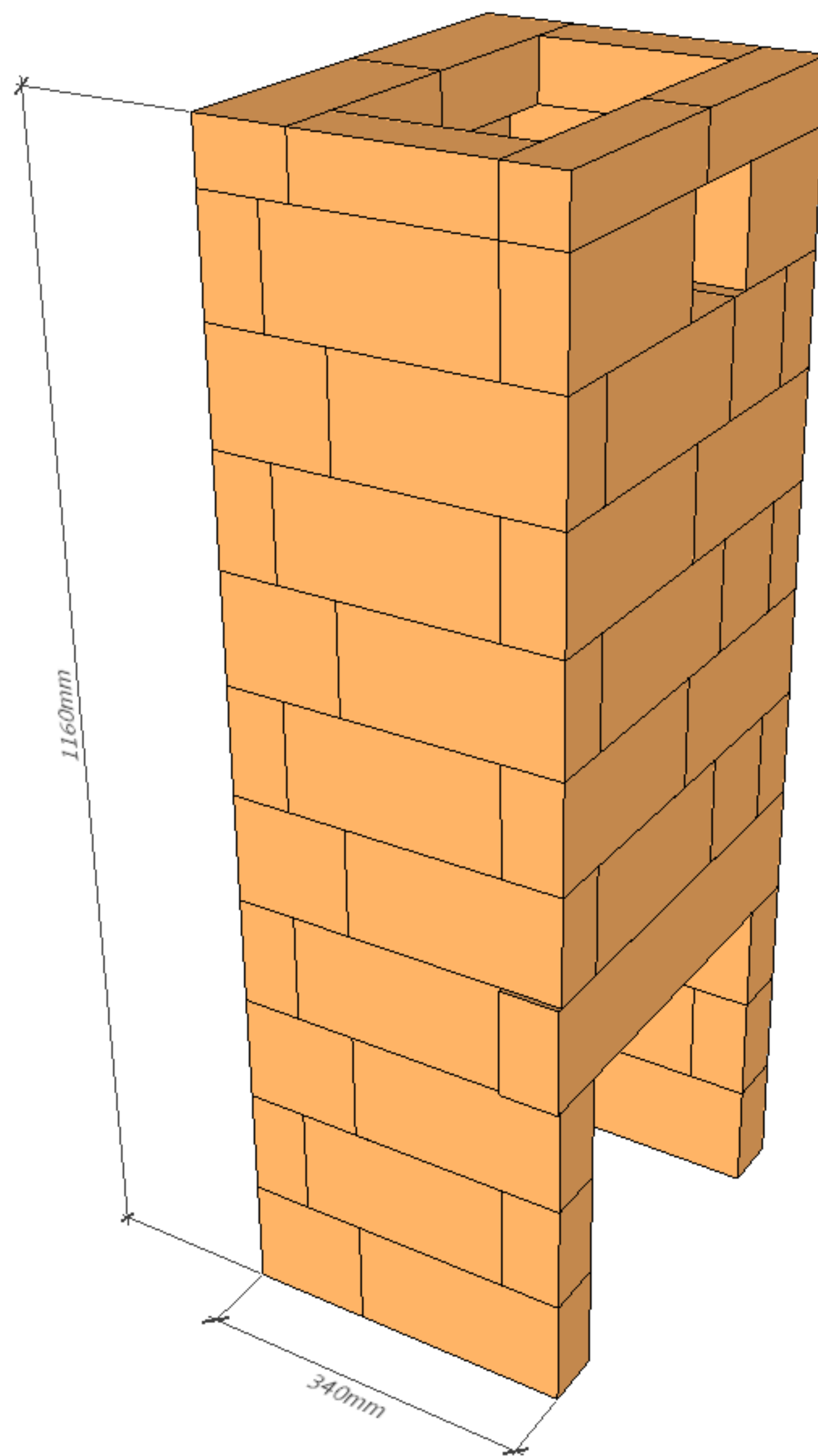


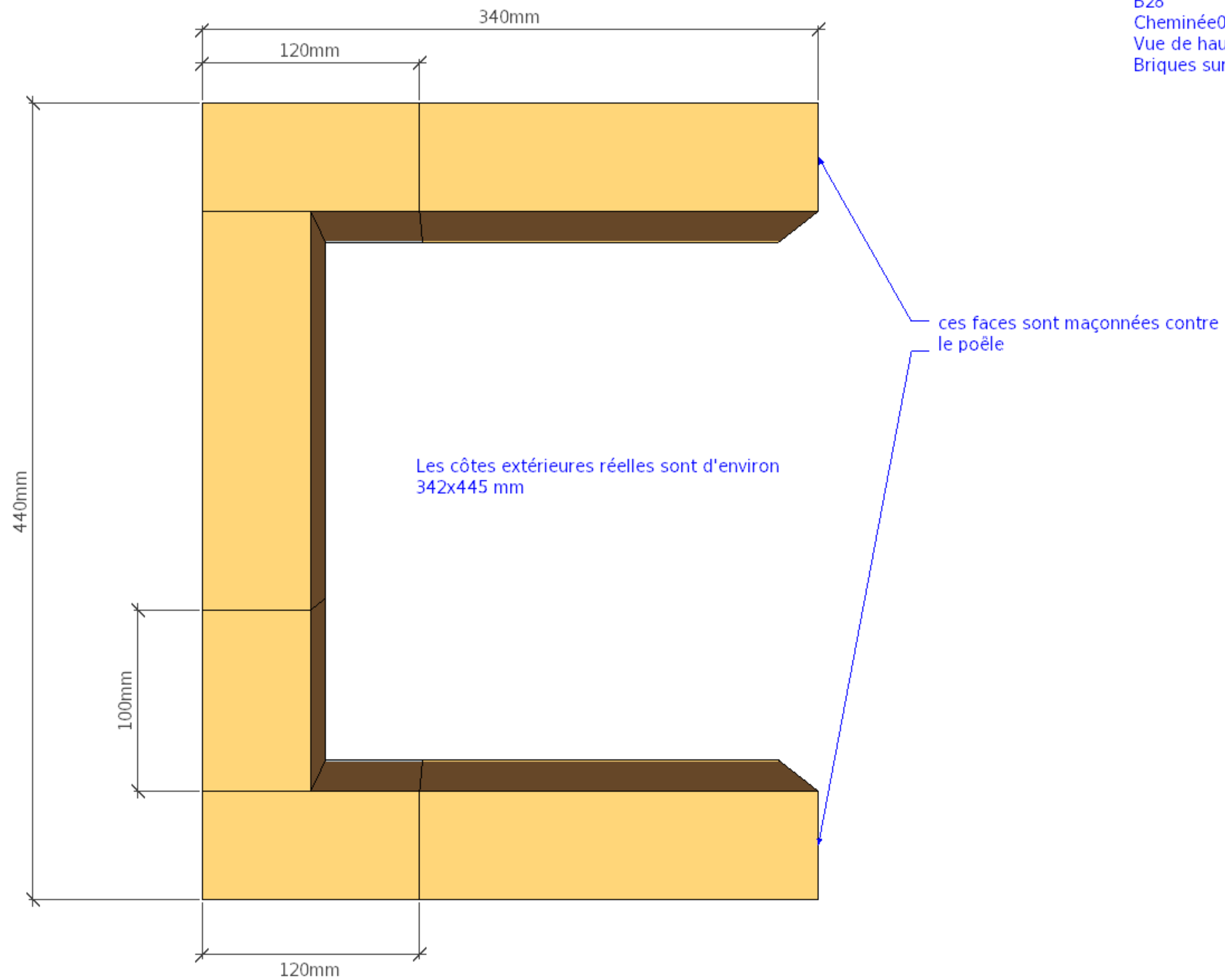


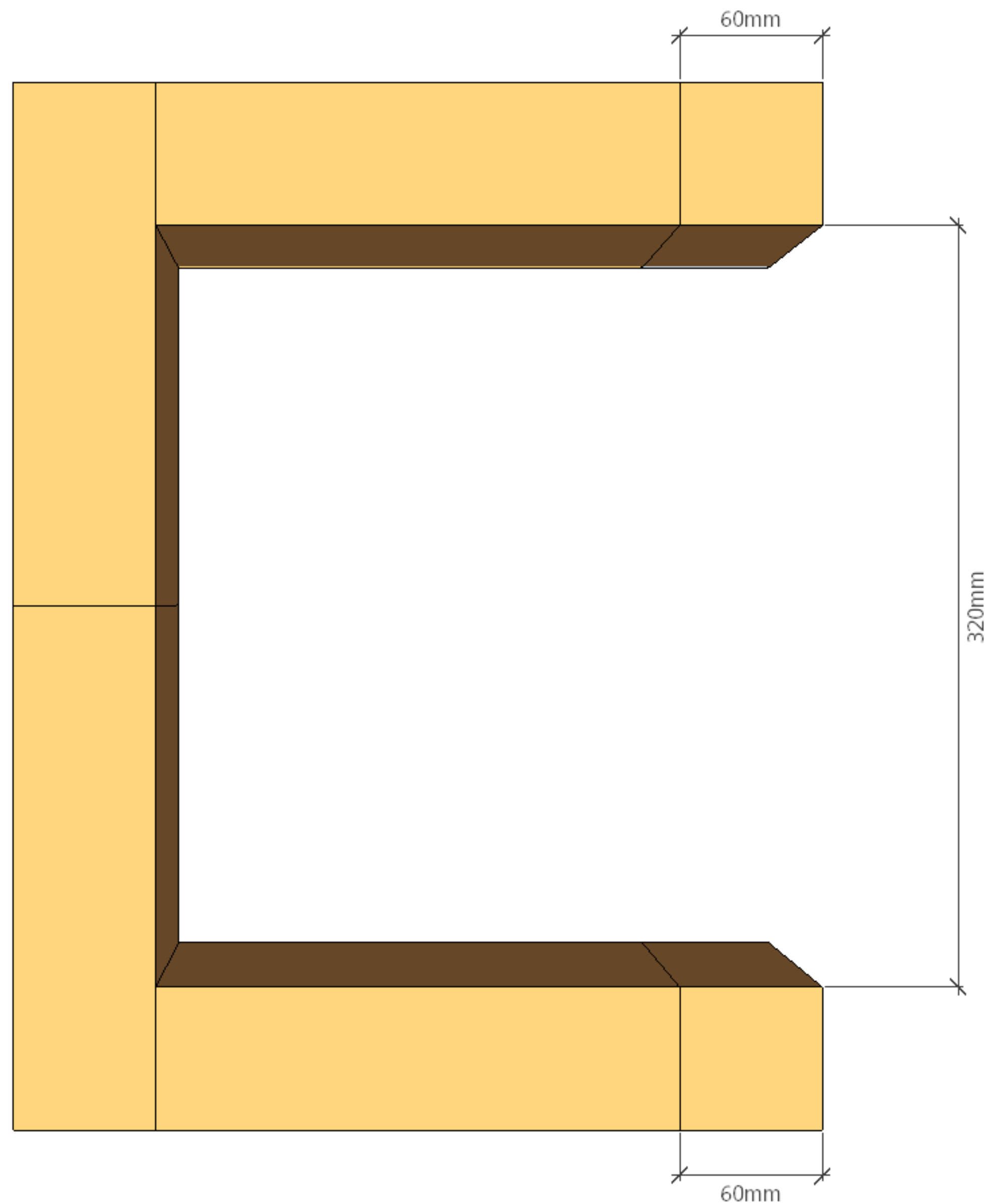


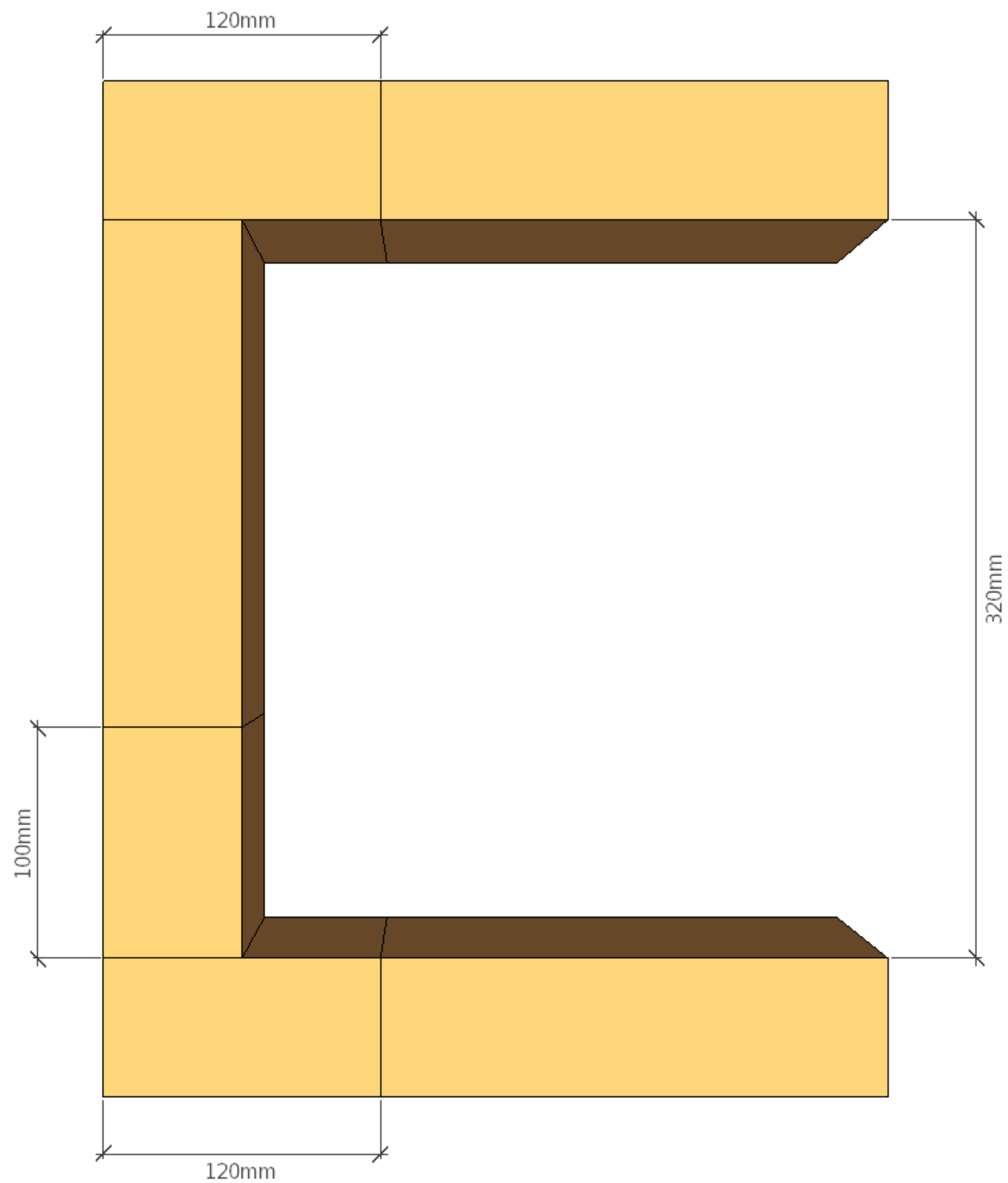


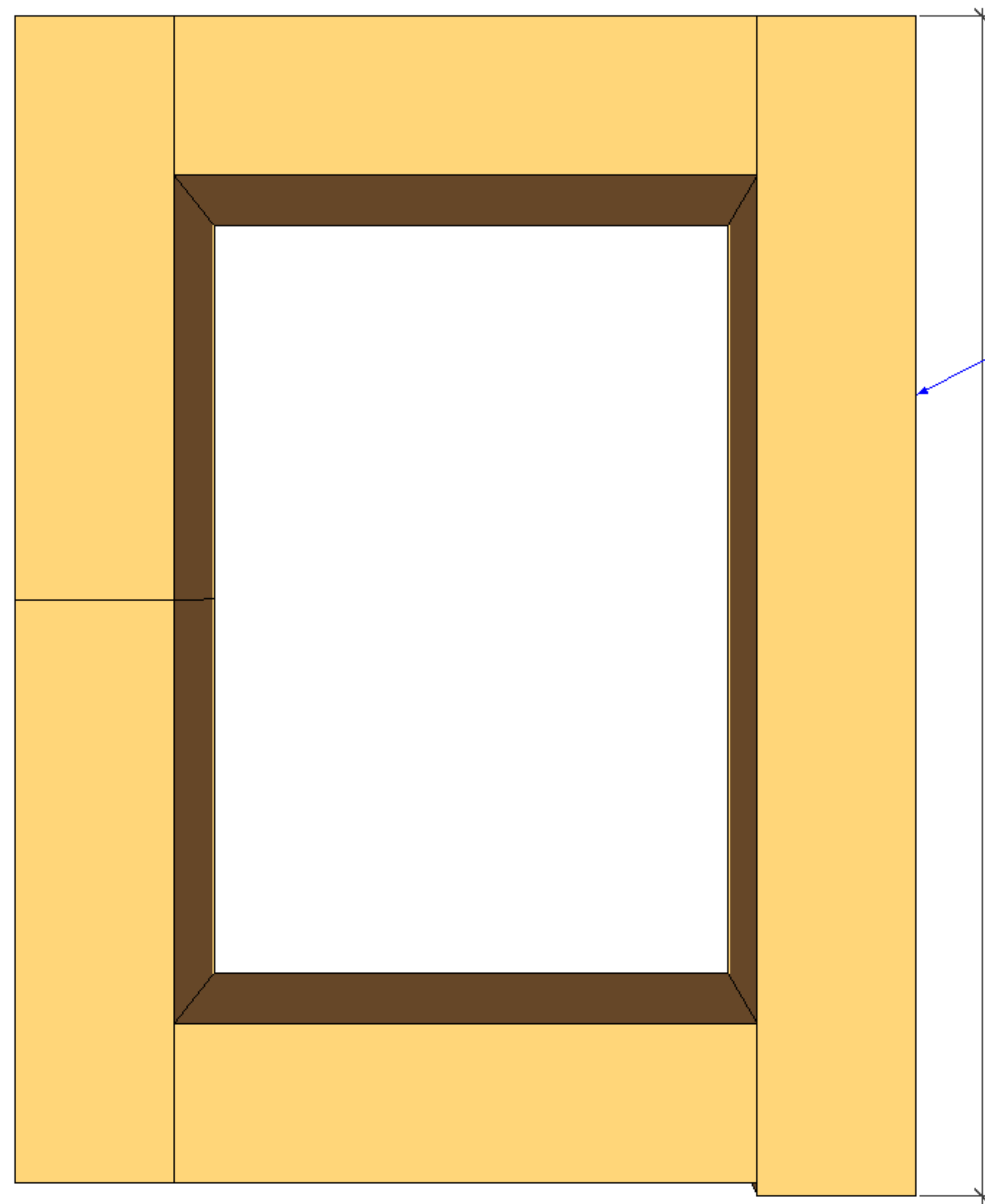
**CHEMINÉE  
D'ÉVACUATION**





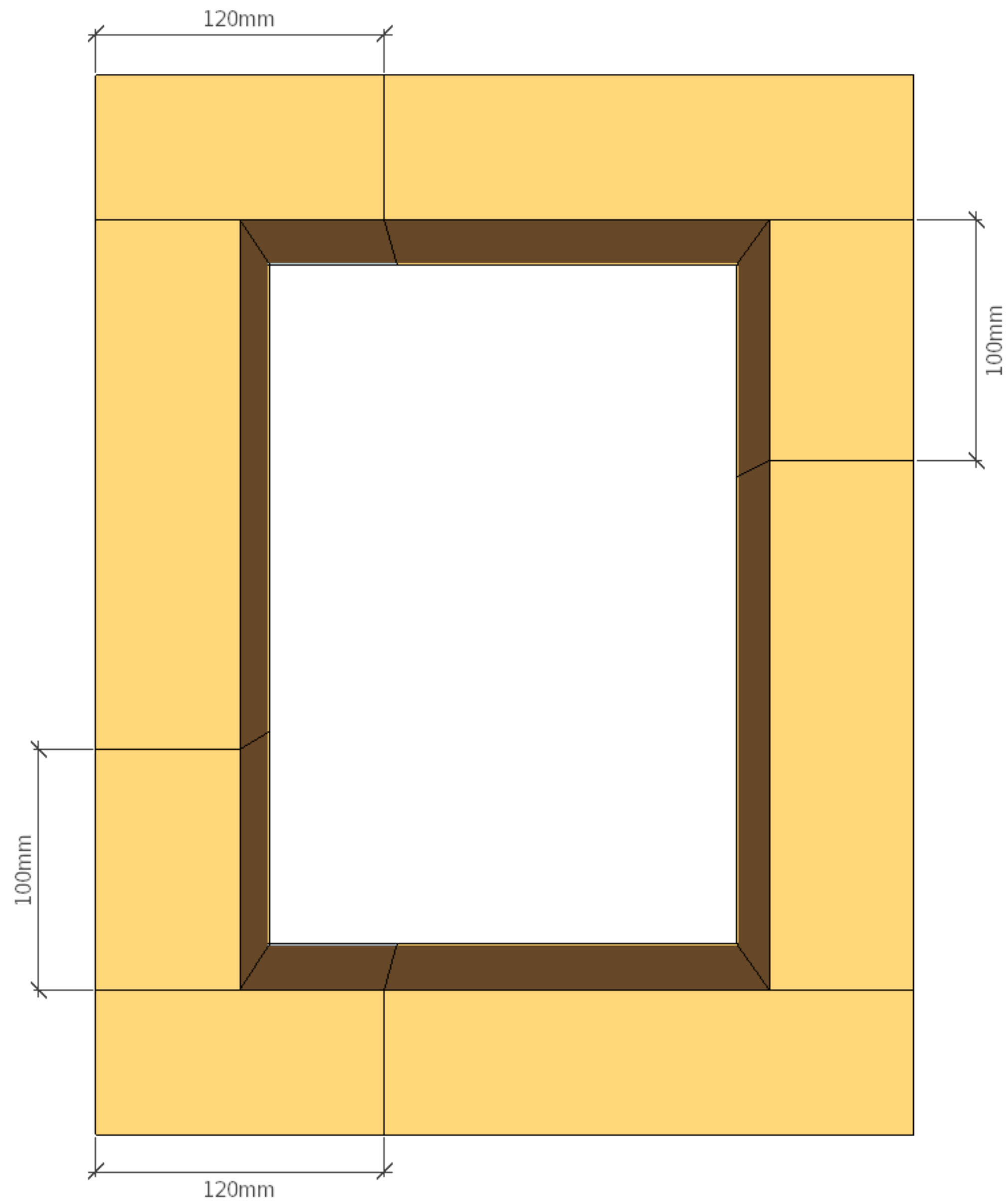


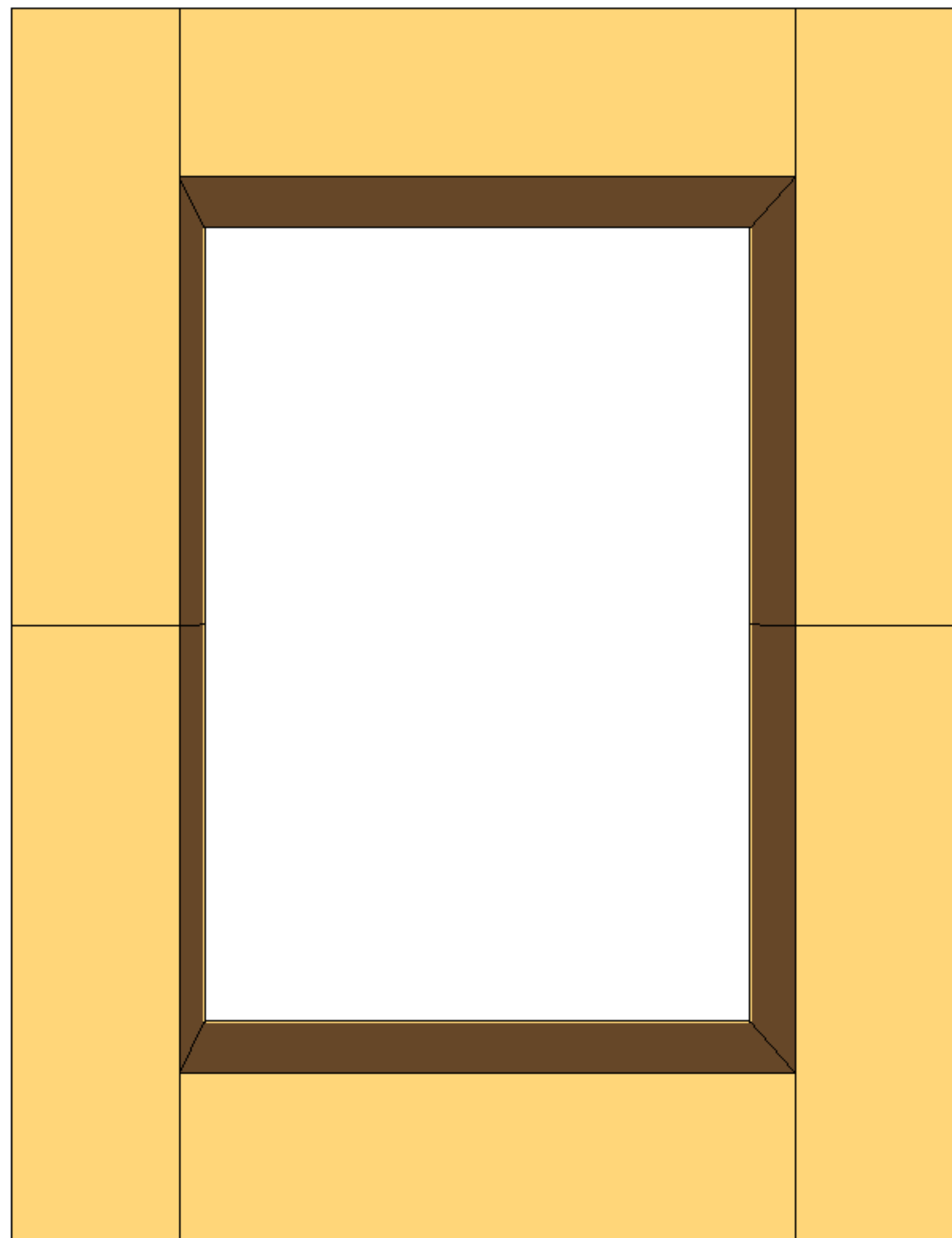




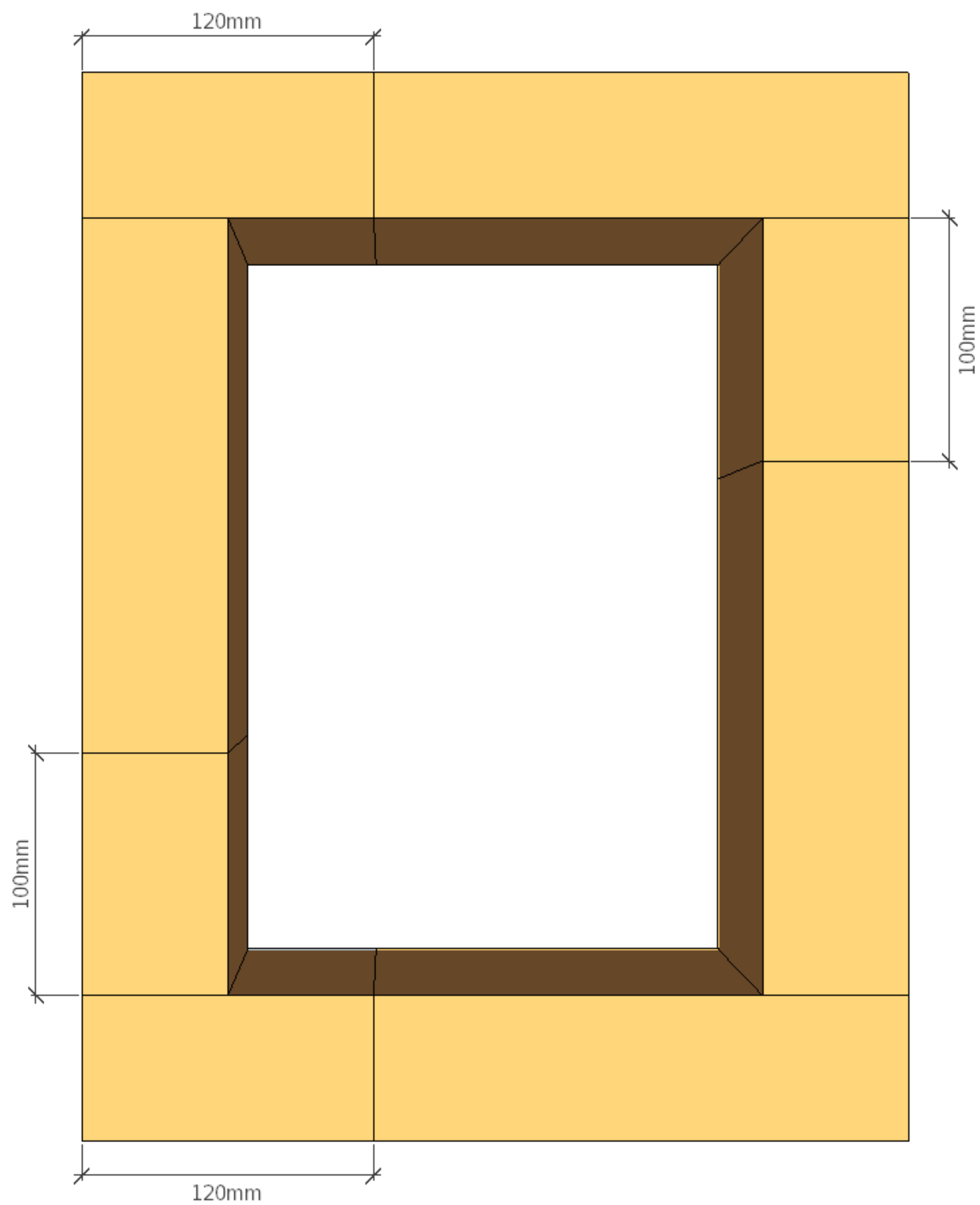
en coupant sur le trait,  
le linteau fait 443 mm environ

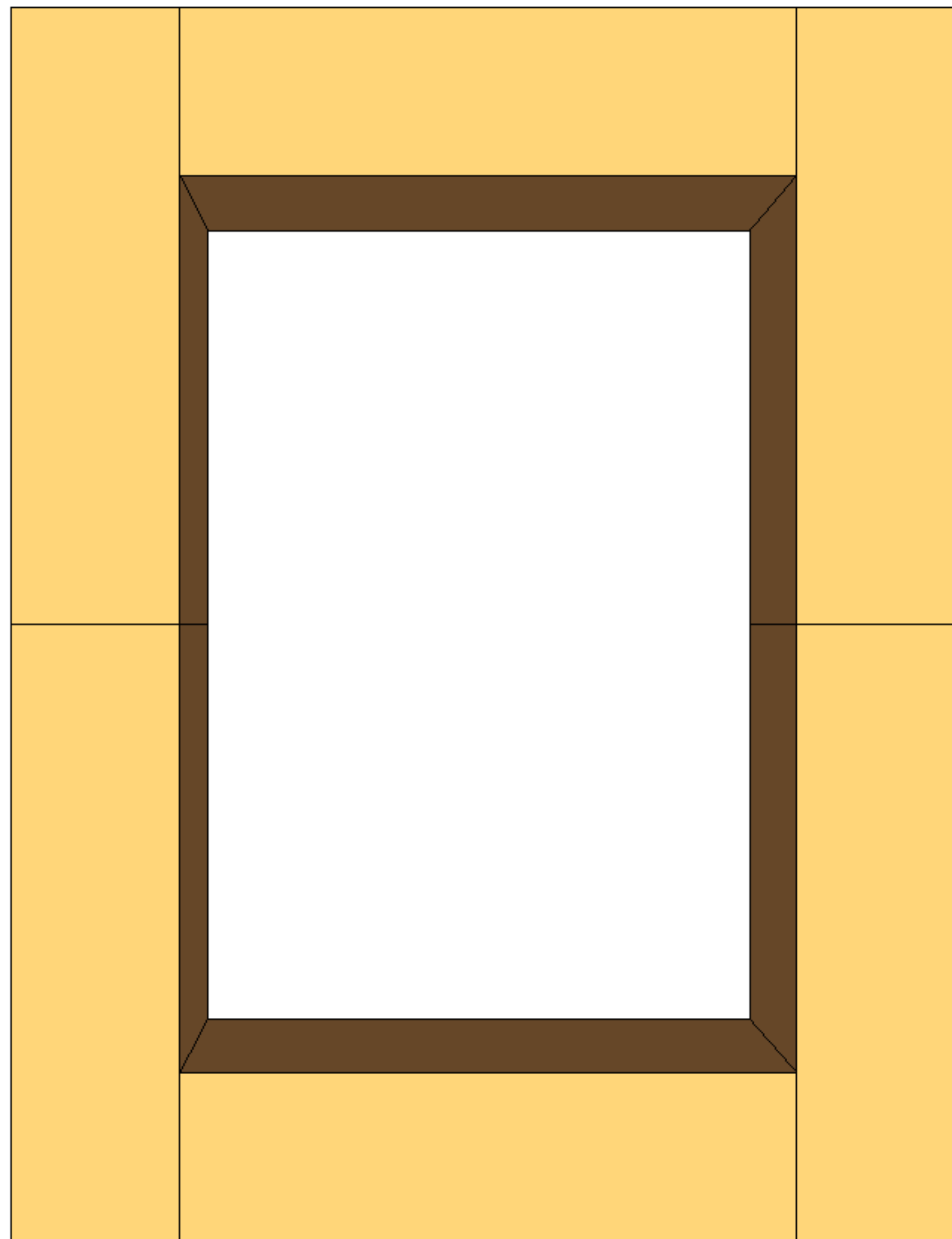
445mm

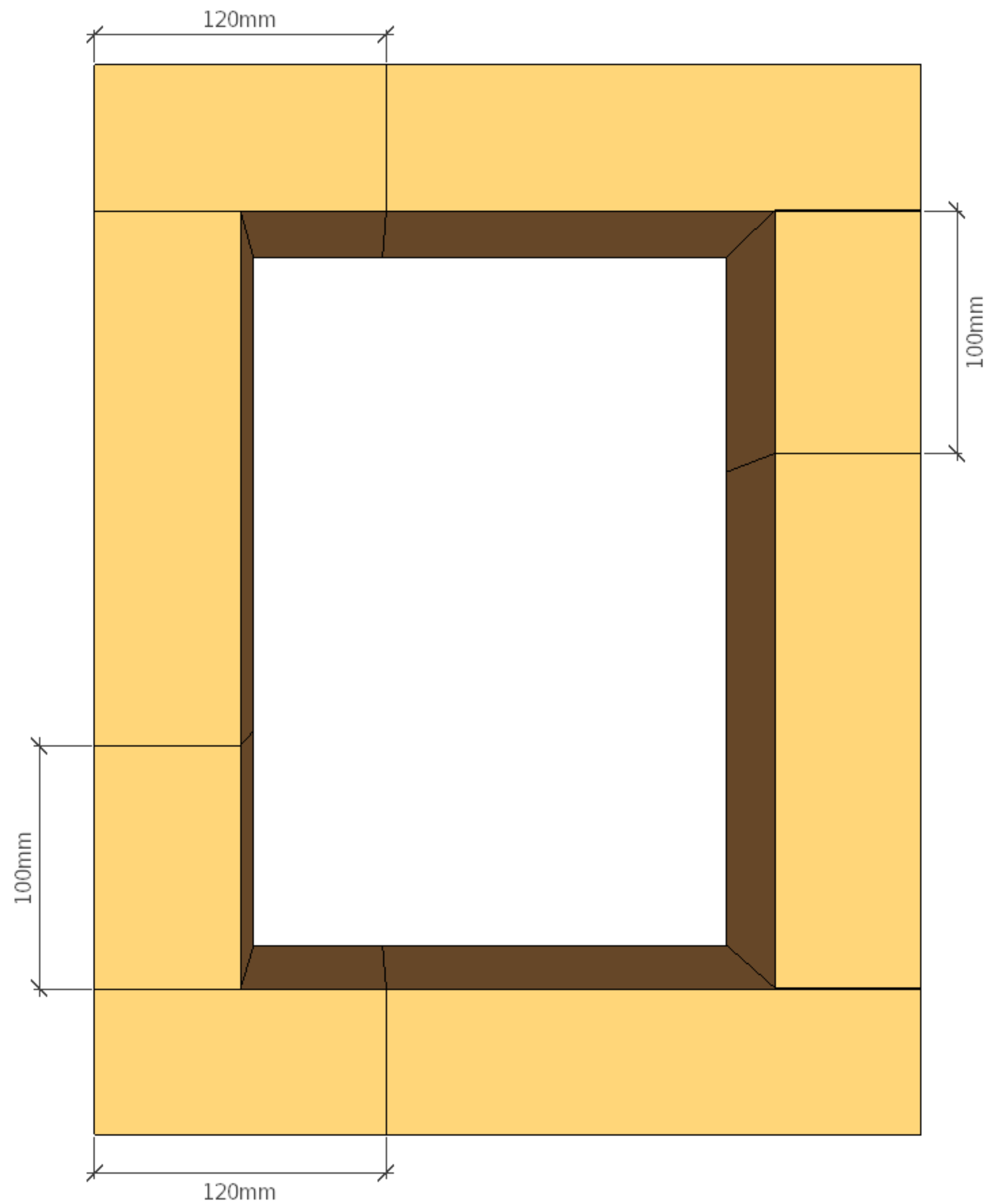


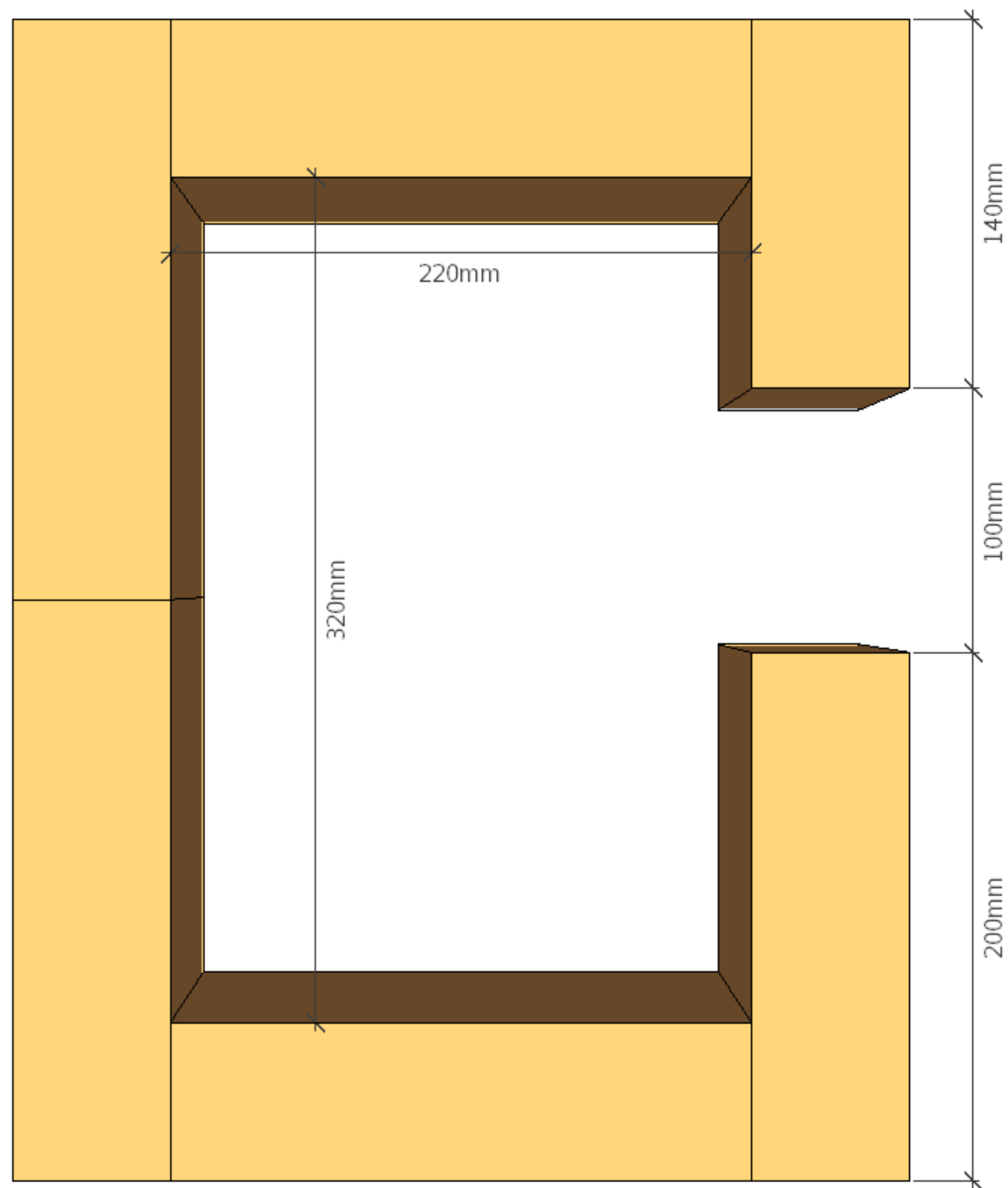


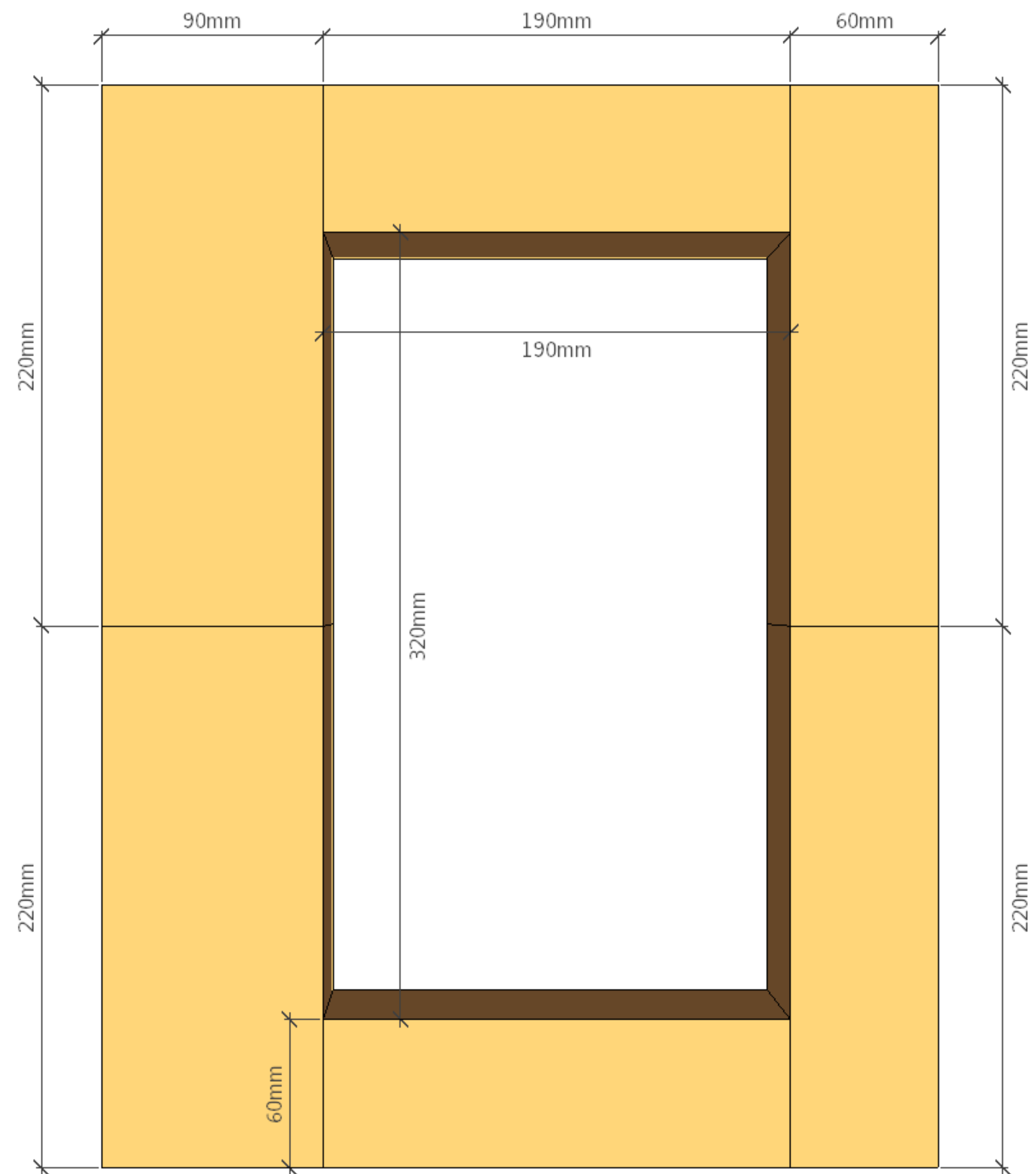






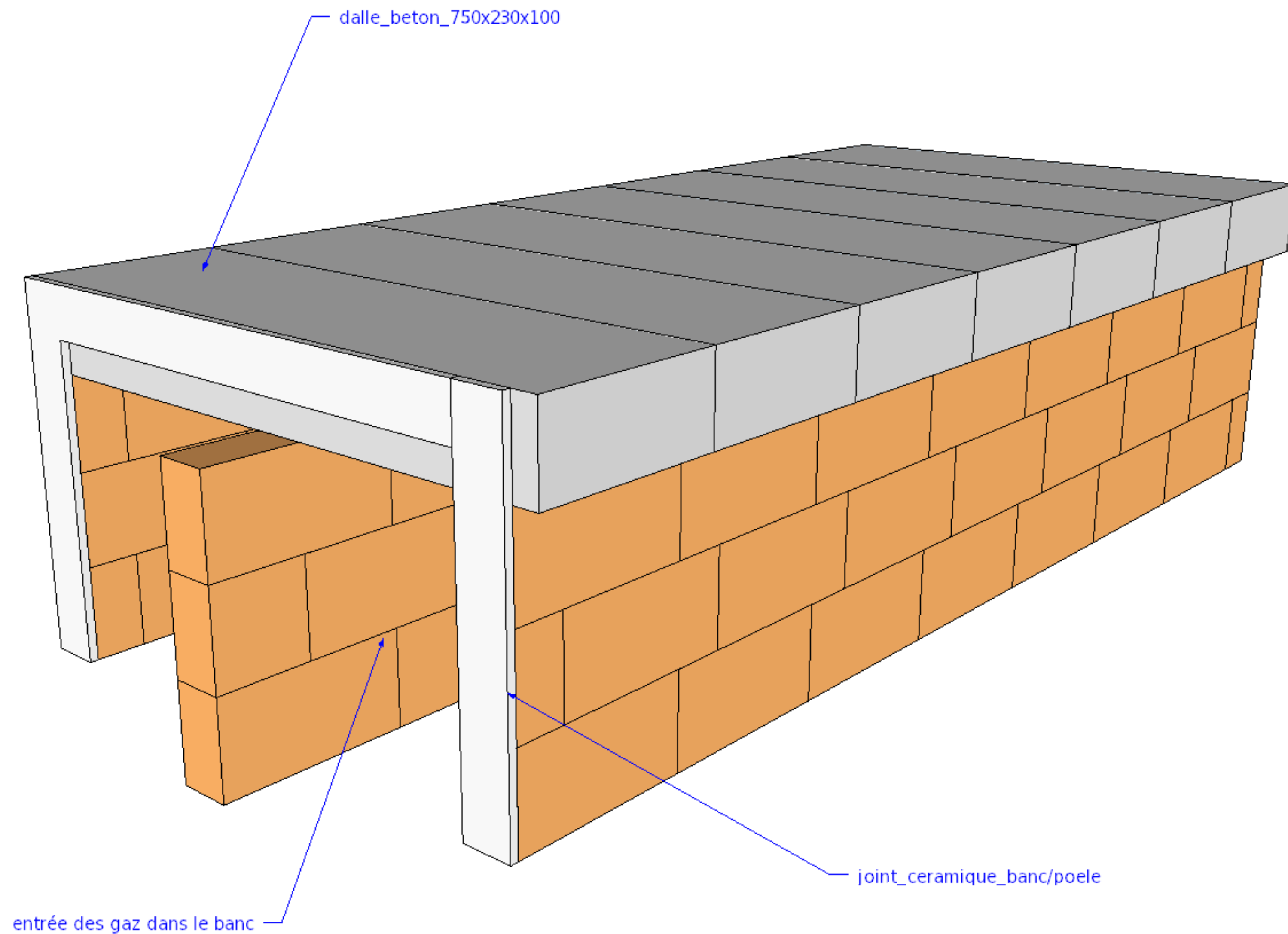


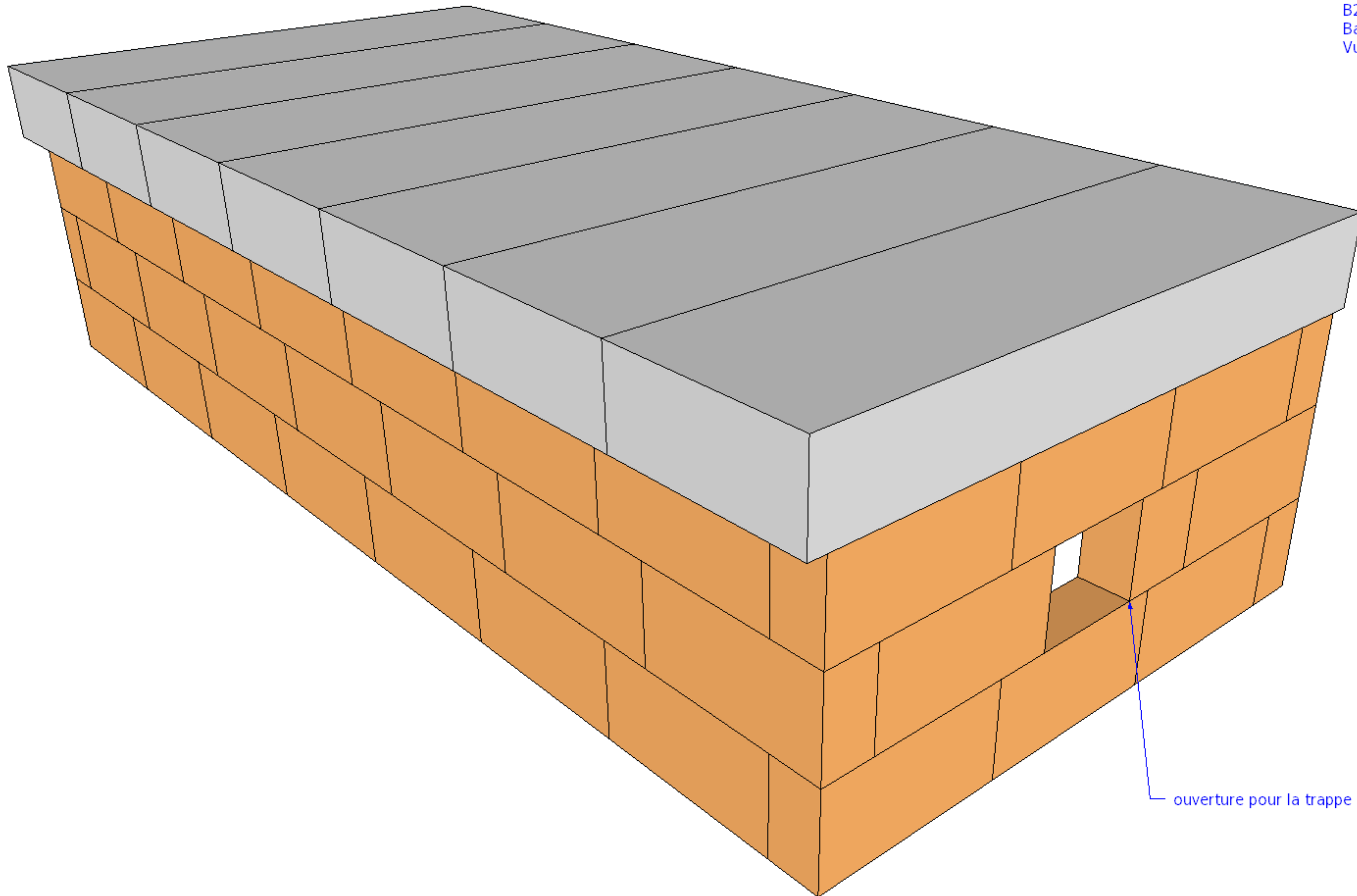




B28  
Cheminée11  
Vue de haut  
Briques à plat

**BANC DE  
CHAUFFE**



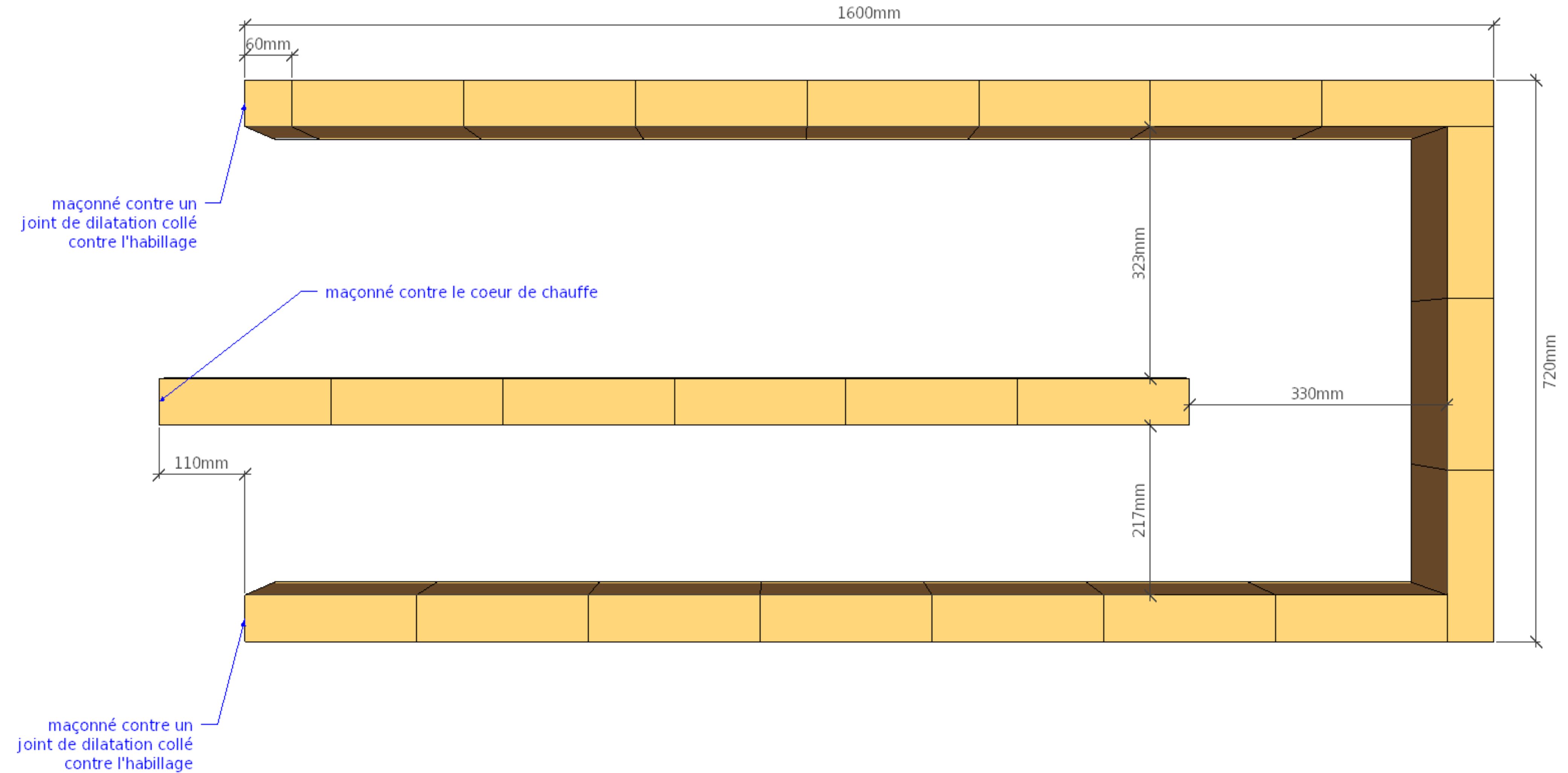


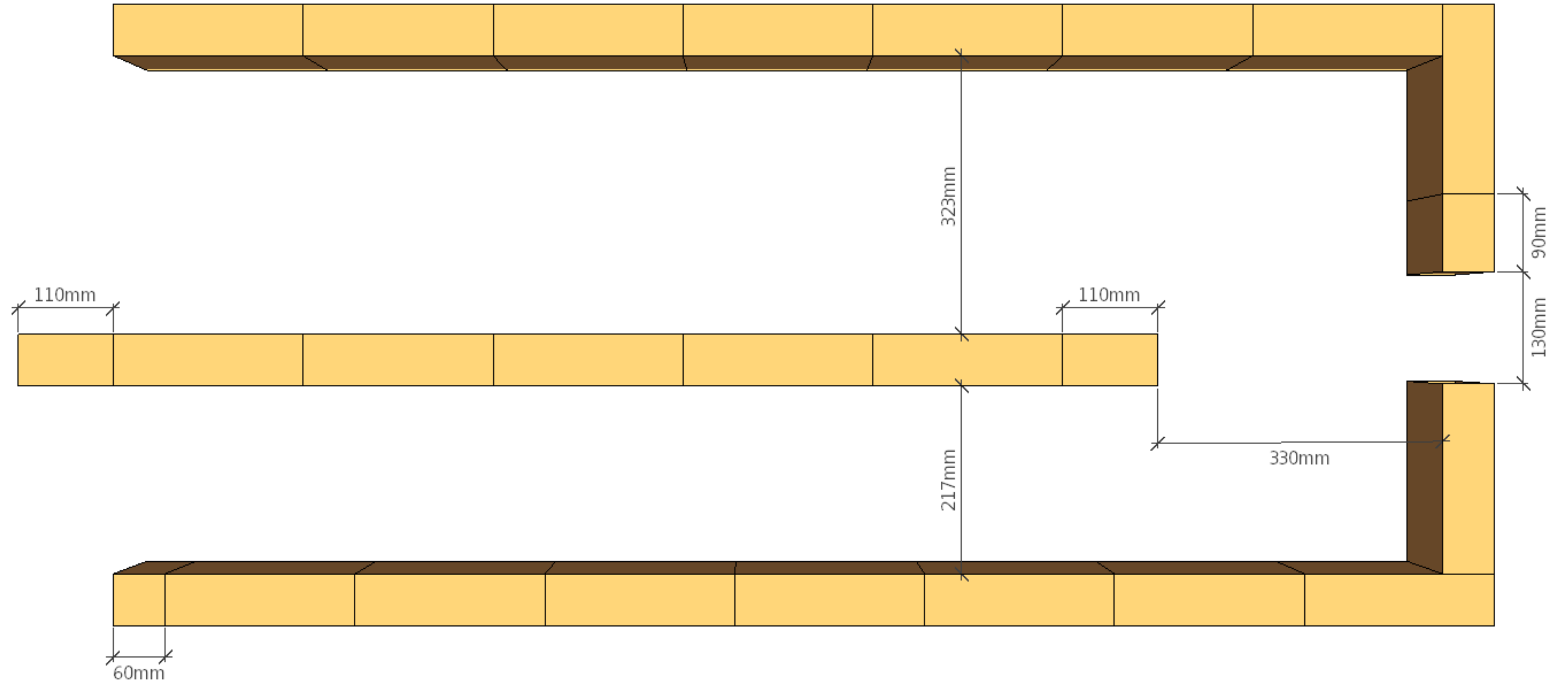
ouverture pour la trappe de visite

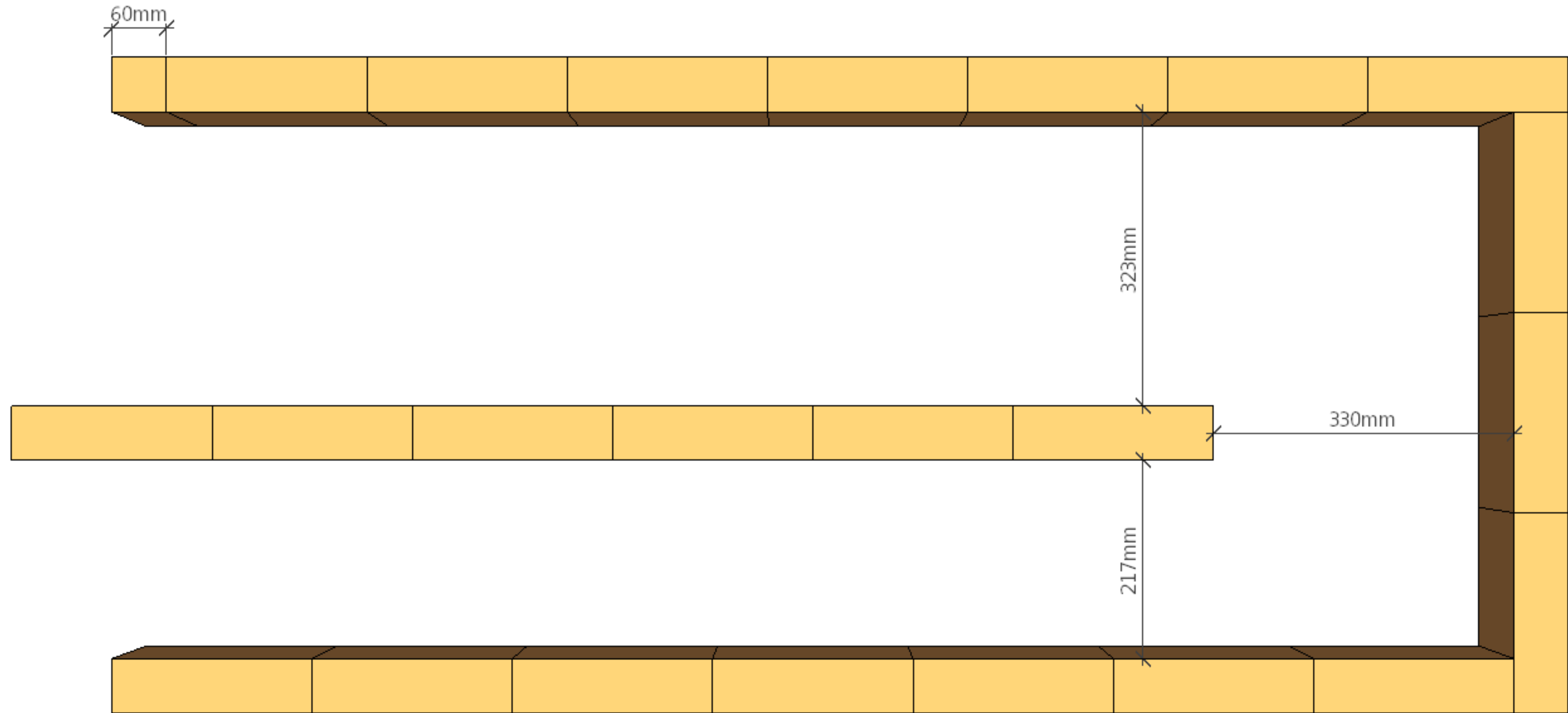


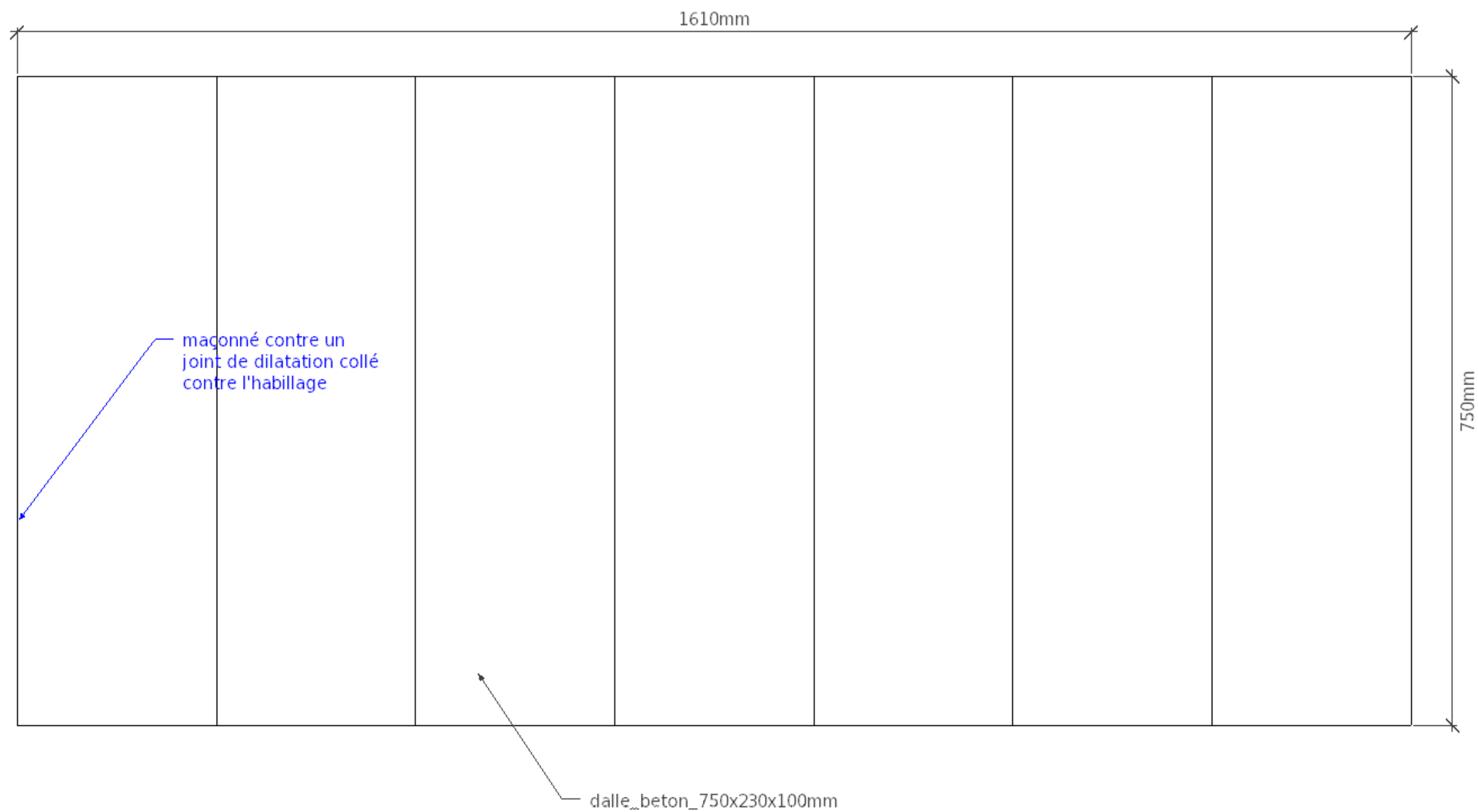
Les dimensions réelles sont d'environ 1615x726 mm.  
Le joint de dilatation rajoute 10 mm

B28  
Banc de chauffe  
Briques sur champ

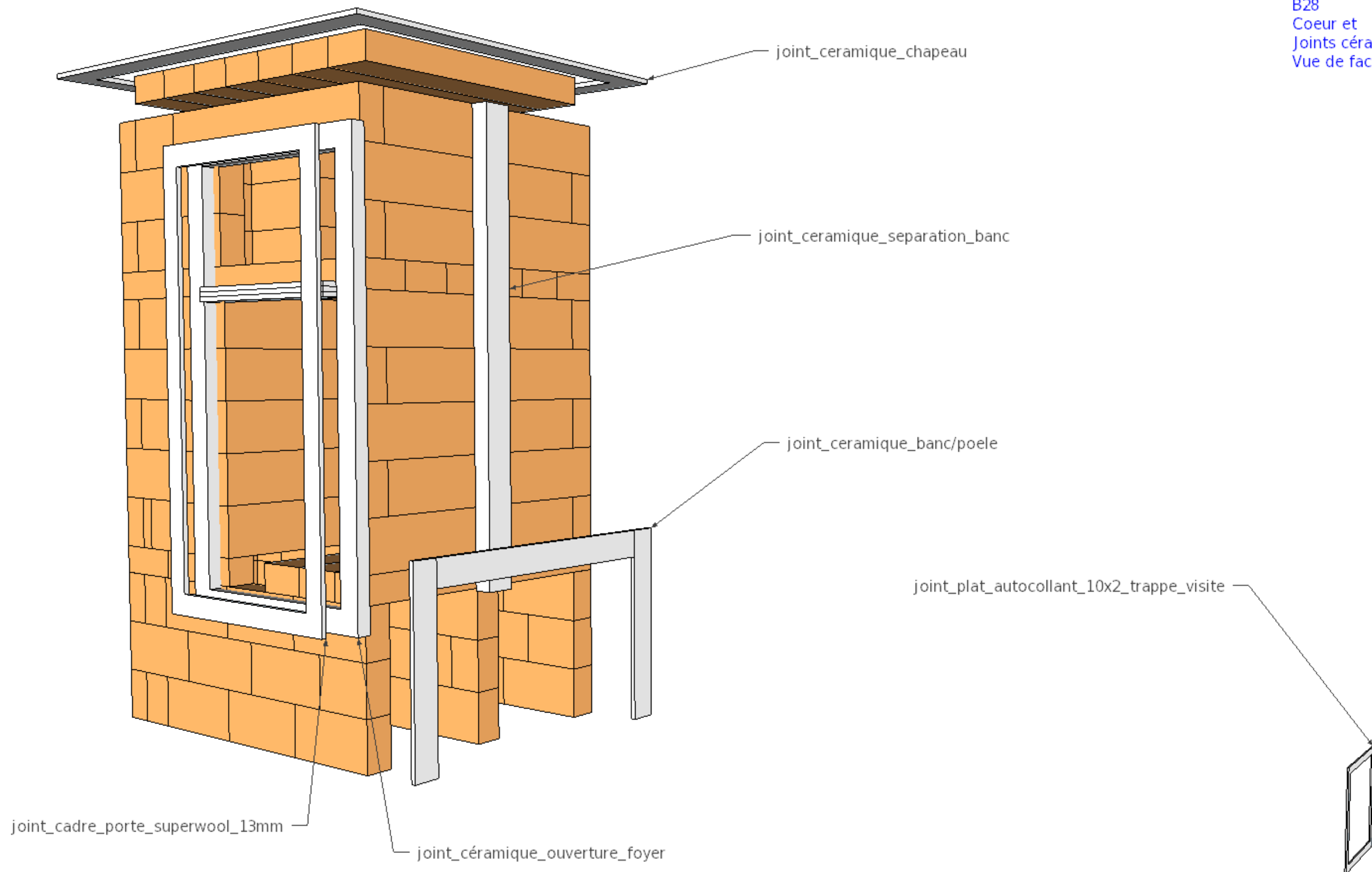


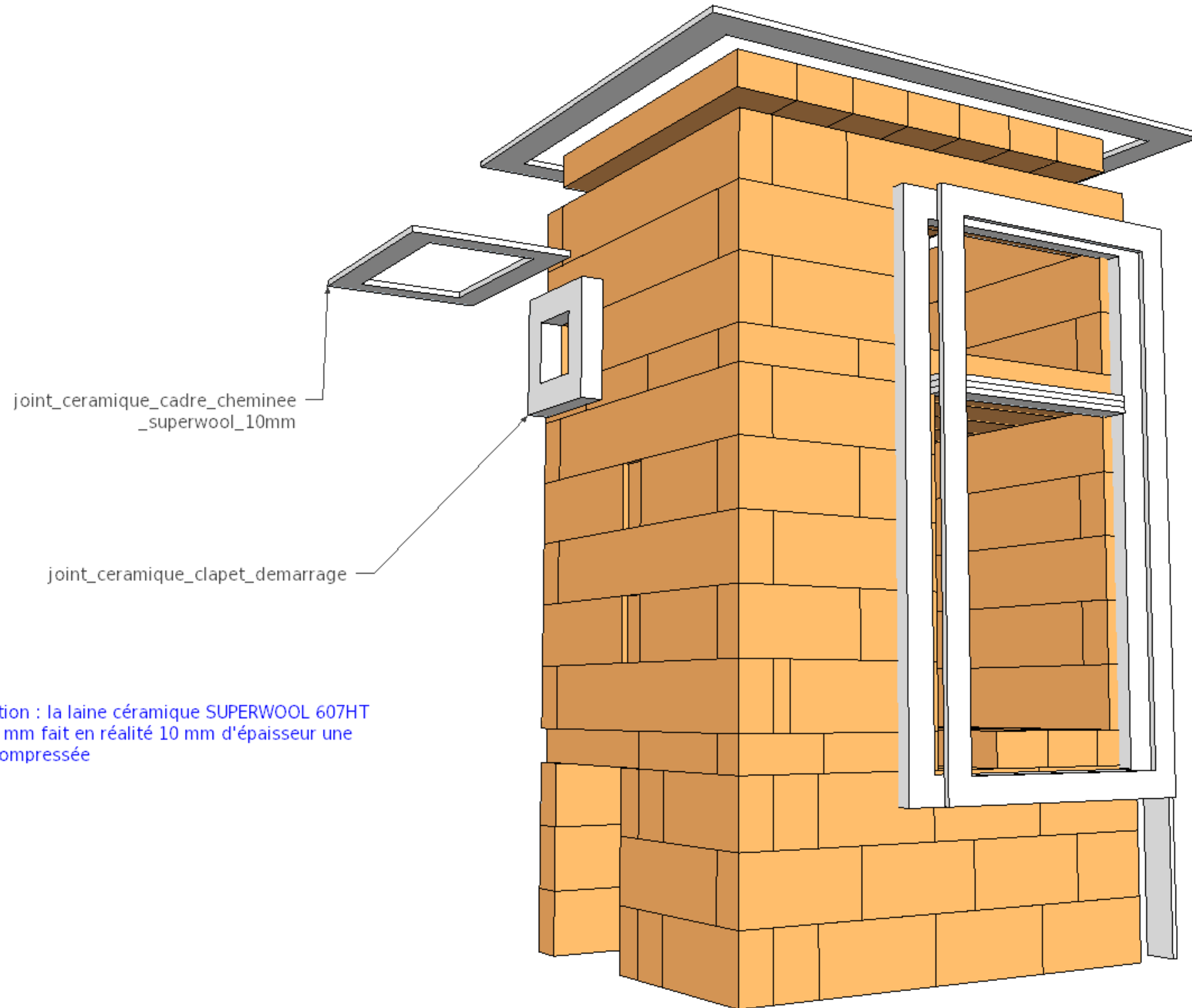






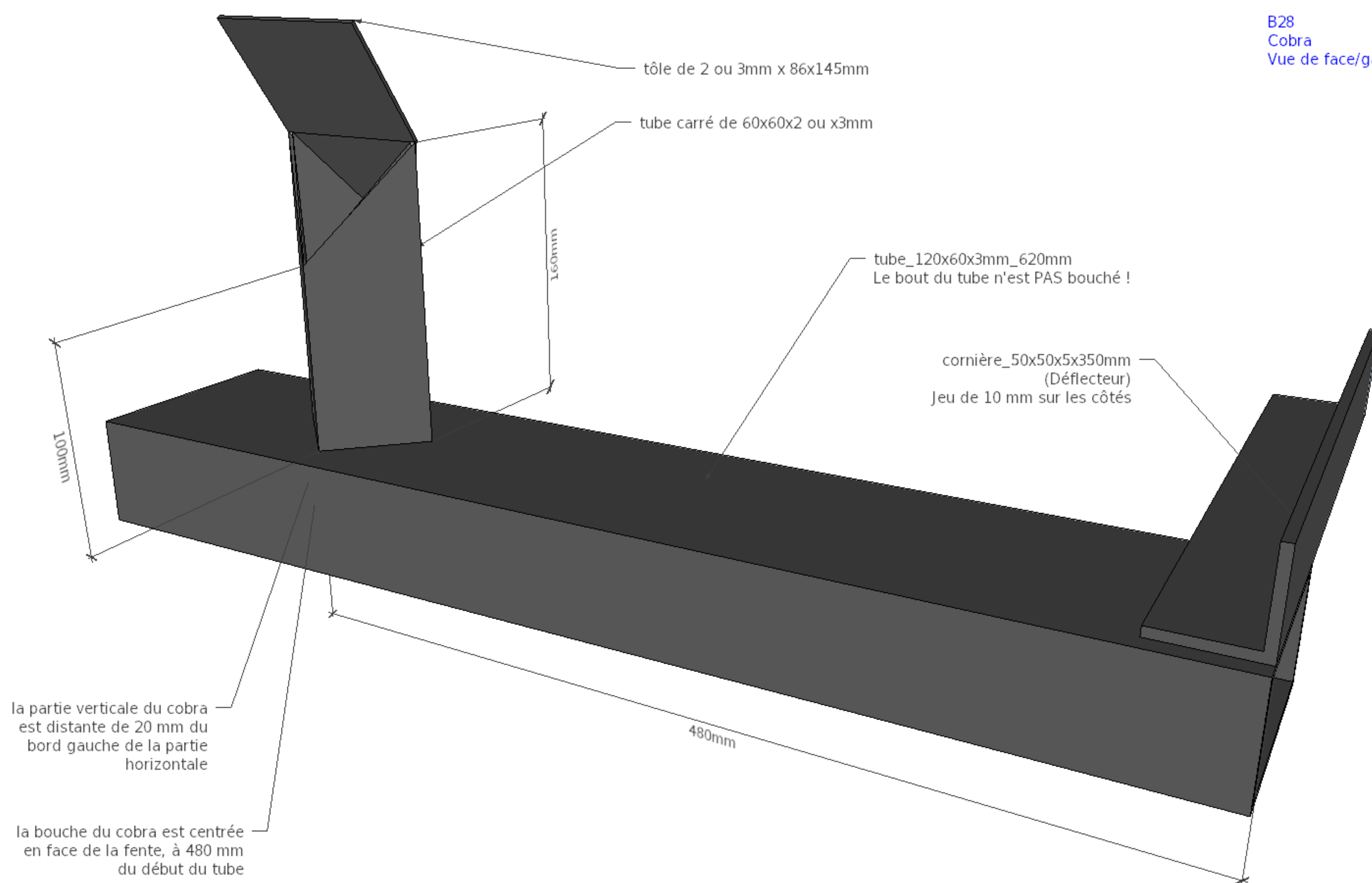
# JOINTS D'ÉTANCHÉITÉ ET DE DILATATION





**MÉTALLERIE**





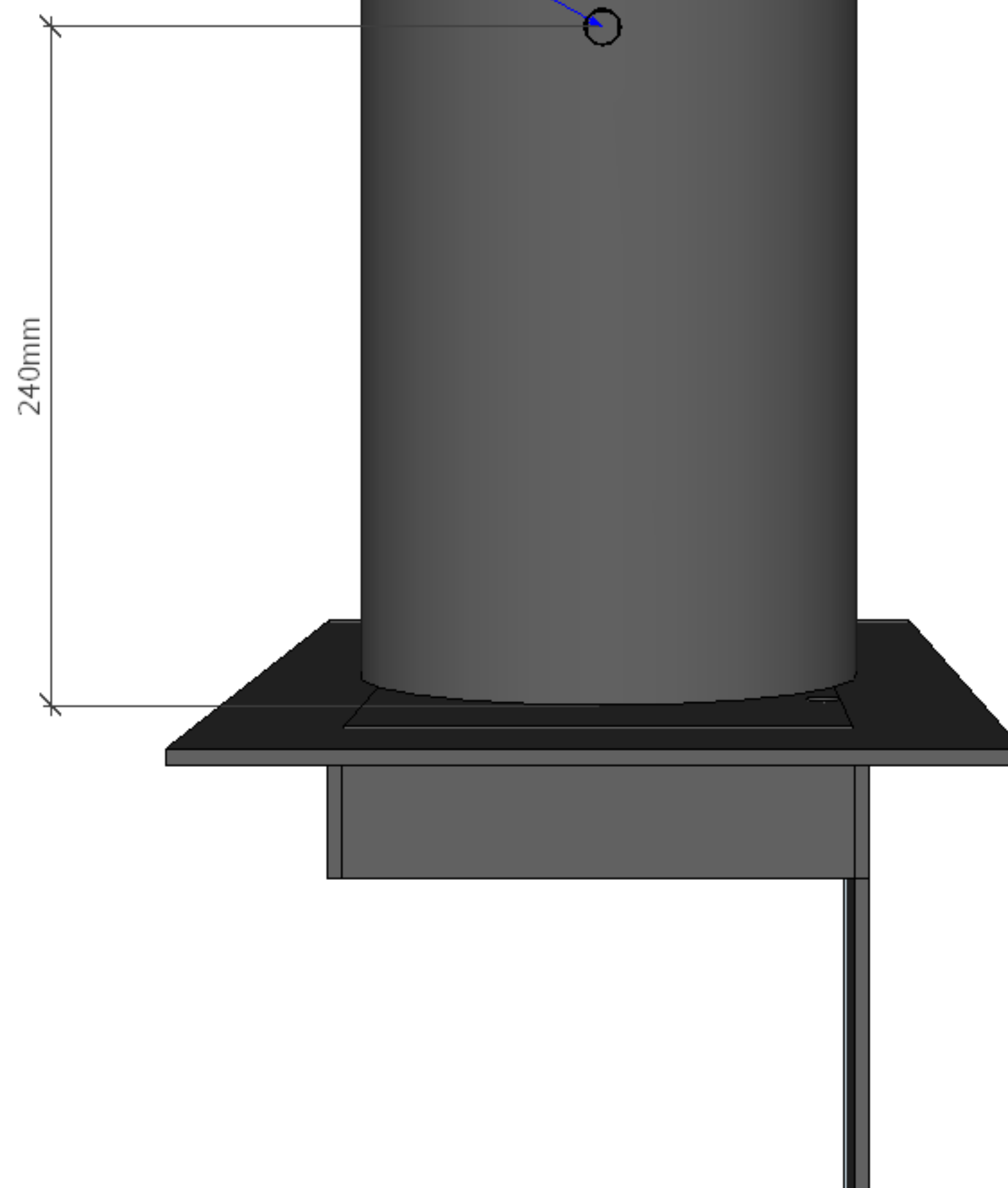
trou de 12 mm agrandi à la lime

Il n'y a qu'un seul trou  
pour le clapet d'obstruction

Le trou doit être percé le long  
de la ligne de soudure du tube

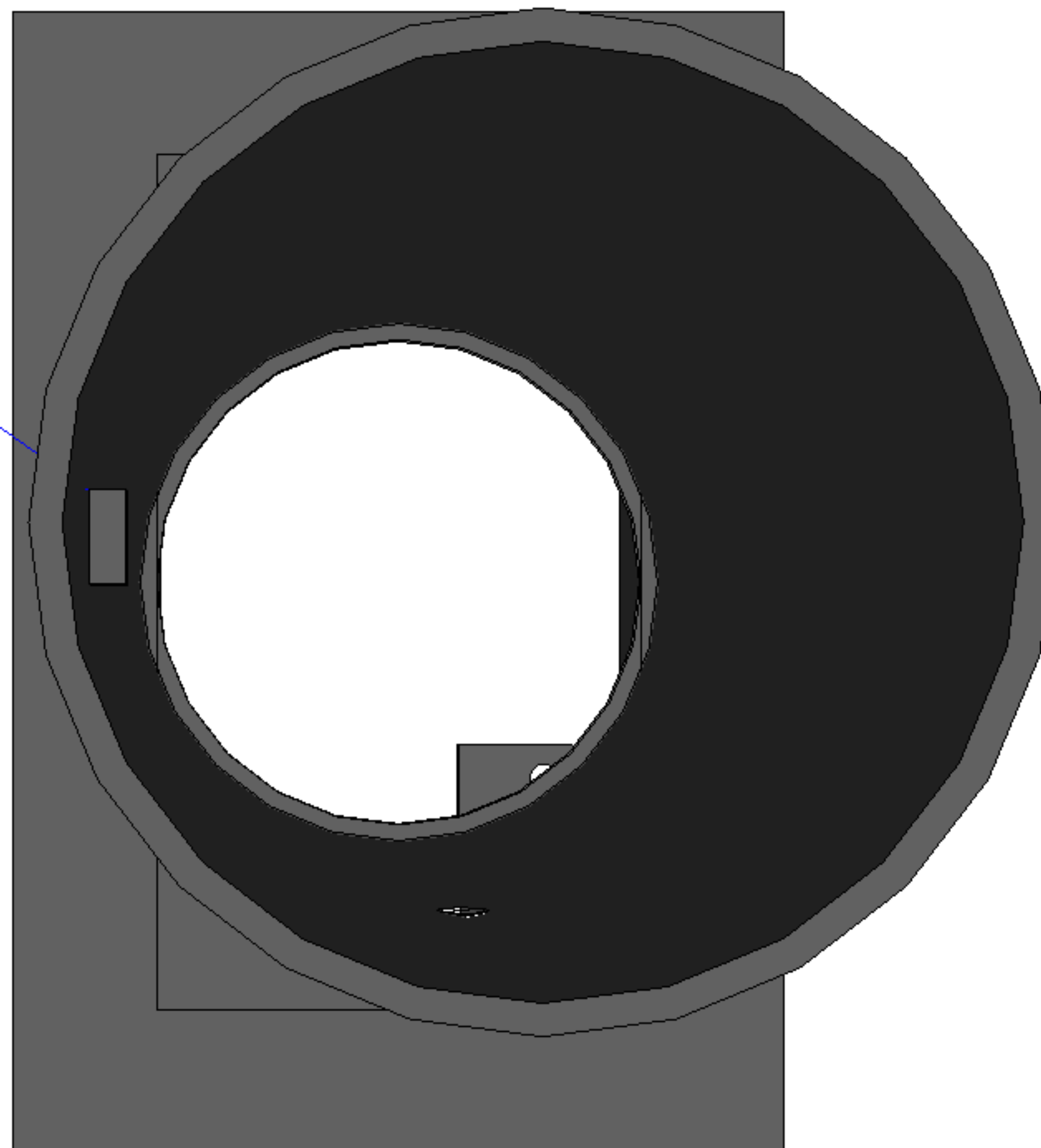
tube\_193.7x6.3x400mm (181.1 int)

Ce tube est difficile à trouver. On trouve généralement du tube  
de 193.7x4 mm (185.7 mm int.) et dans ce cas il faut souder une  
butée à l'intérieur du tube et faire l'étanchéité avec du joint de  
porte plat de 10x2 mm



Butée  
fer\_carre\_8mmx20mm  
Soudée à 60 mm du bord haut  
du tube

La butée n'est nécessaire que  
pour le tube de 193.7x4 mm.  
Pour le tube de 193,7x6.3 mm,  
l'emboîtement est parfait.

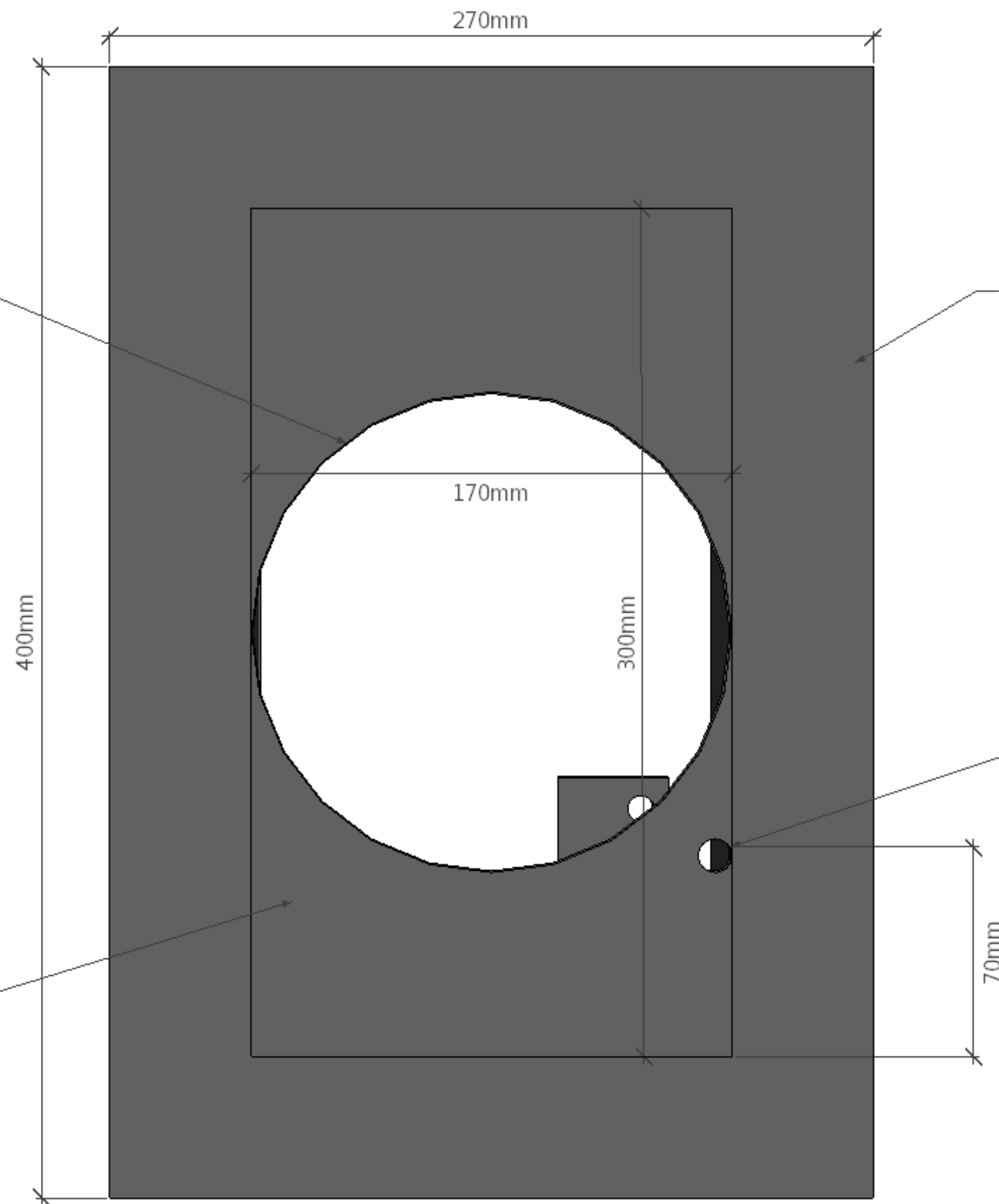


idéalement ce tracé vient à fleur  
de la partie intérieure du tube

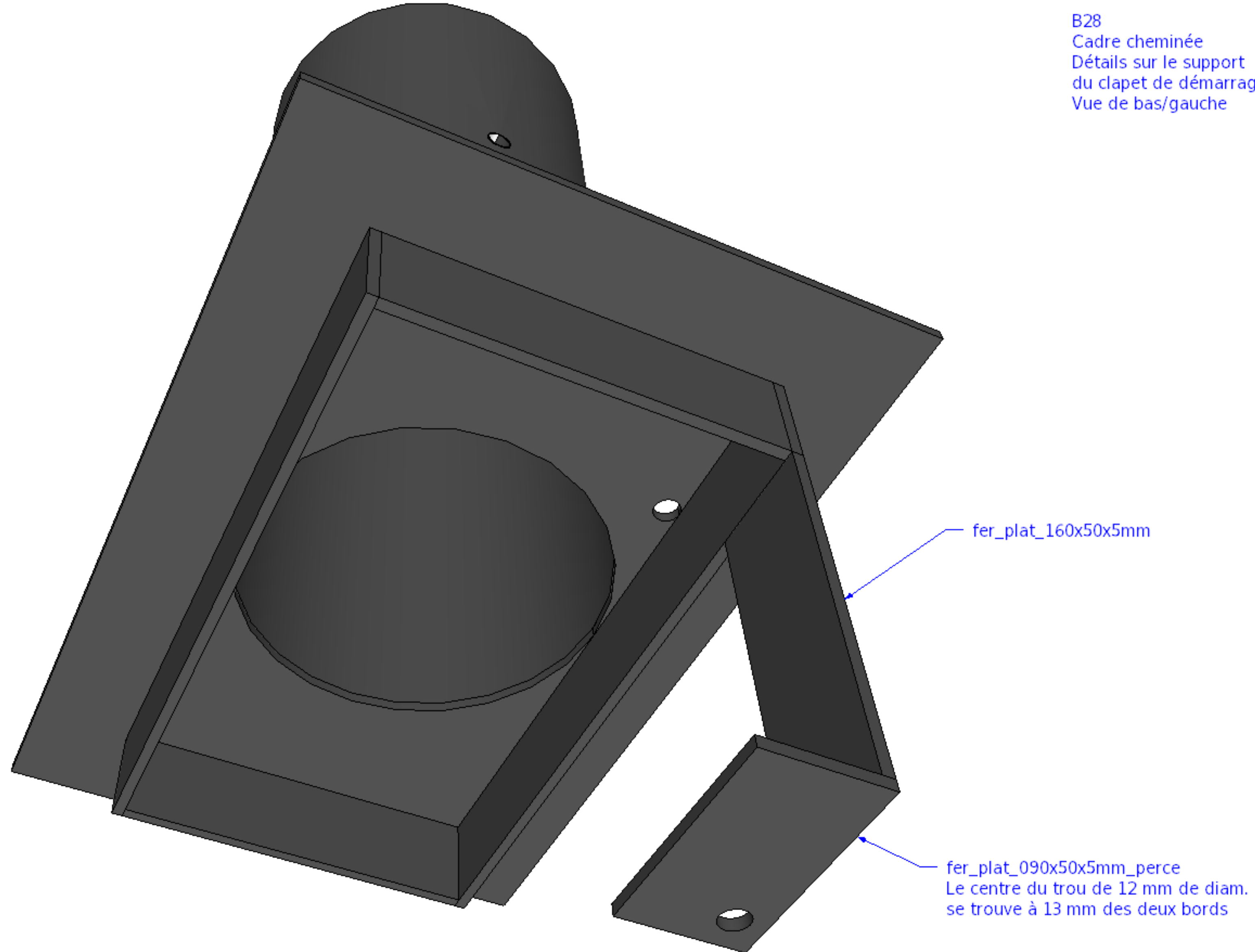
cornières de 50x50x5 mm

trou de 12 mm

tôle de 3 ou 5 mm

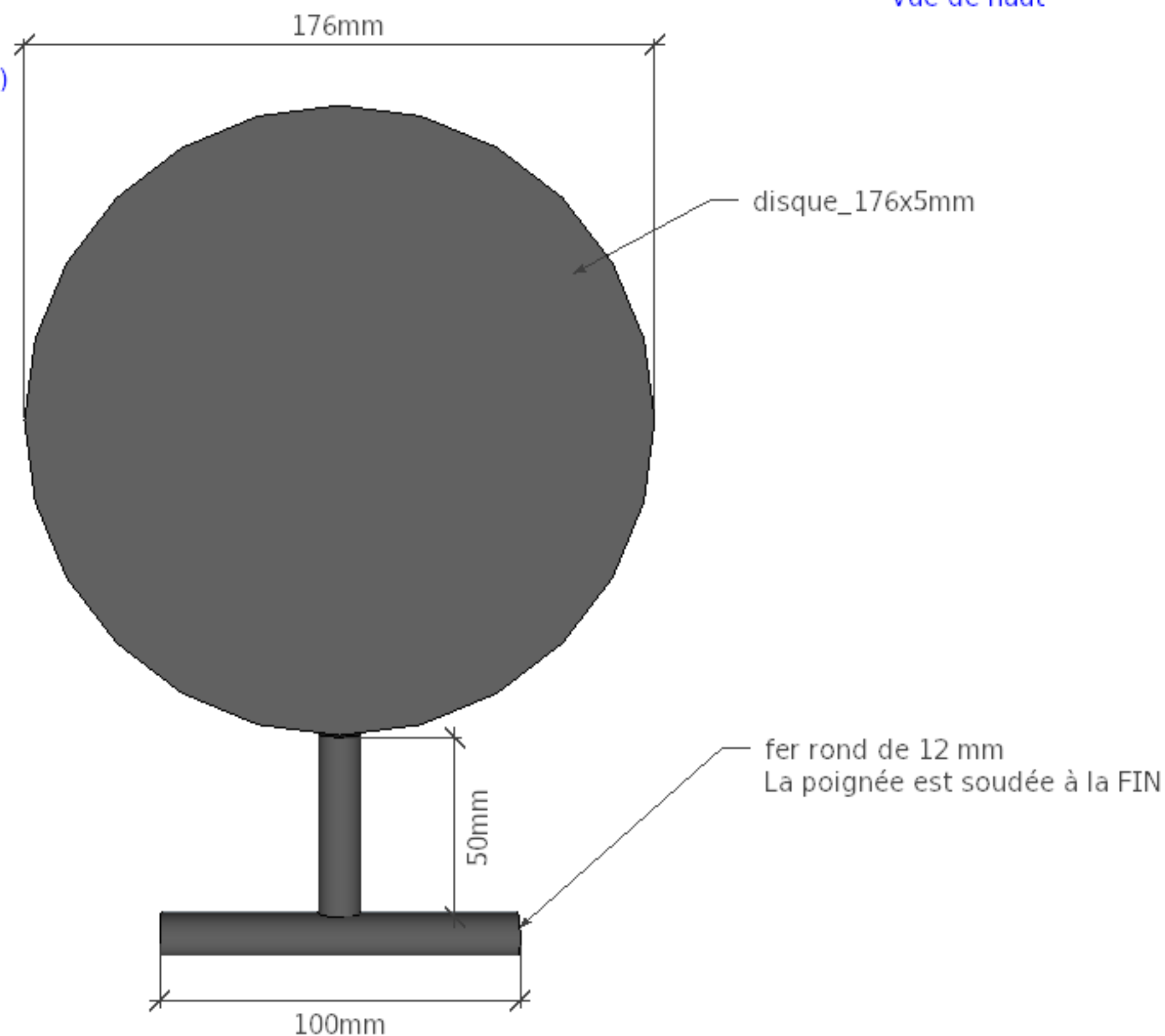


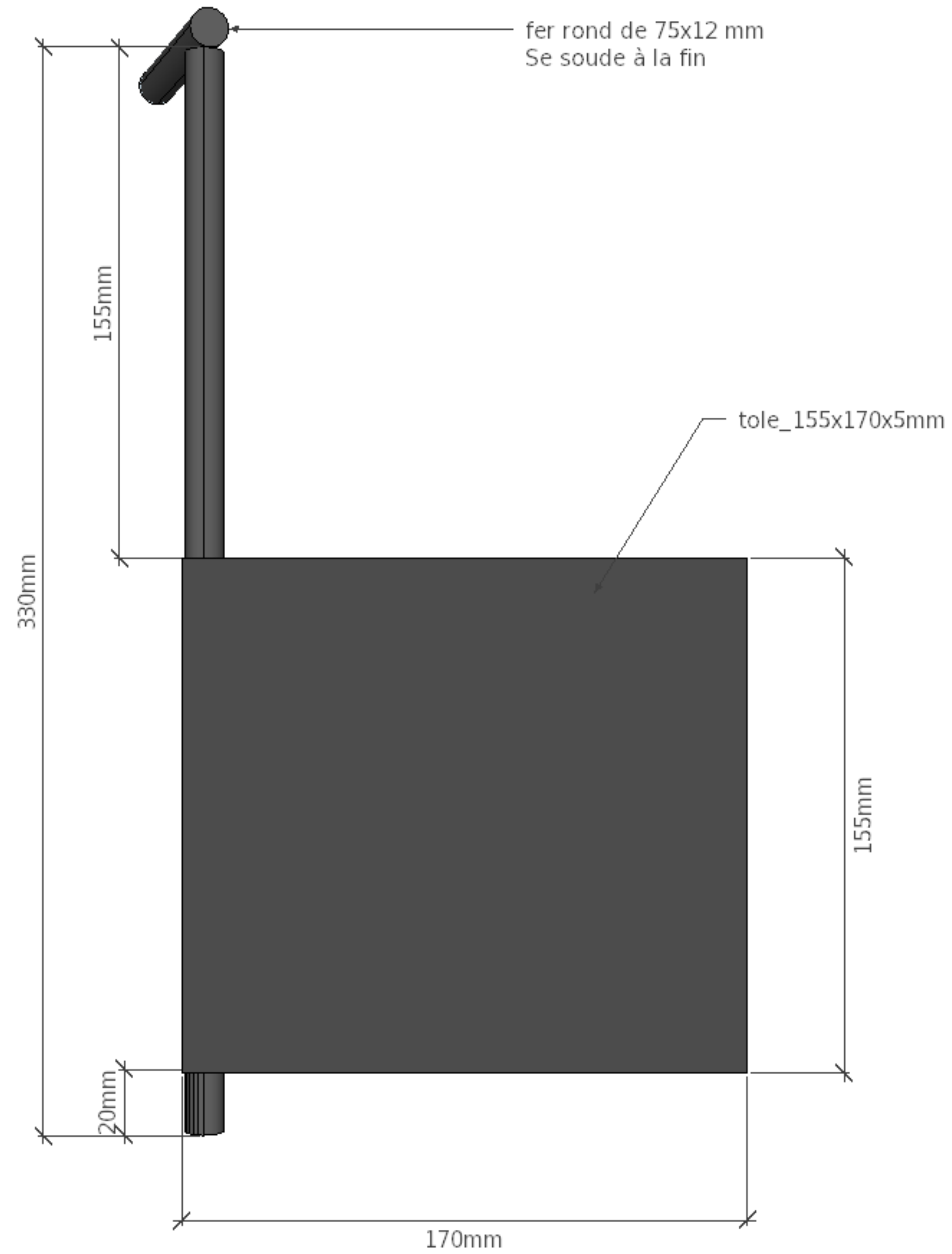
B28  
Cadre cheminée  
Détails sur le support  
du clapet de démarrage  
Vue de bas/gauche

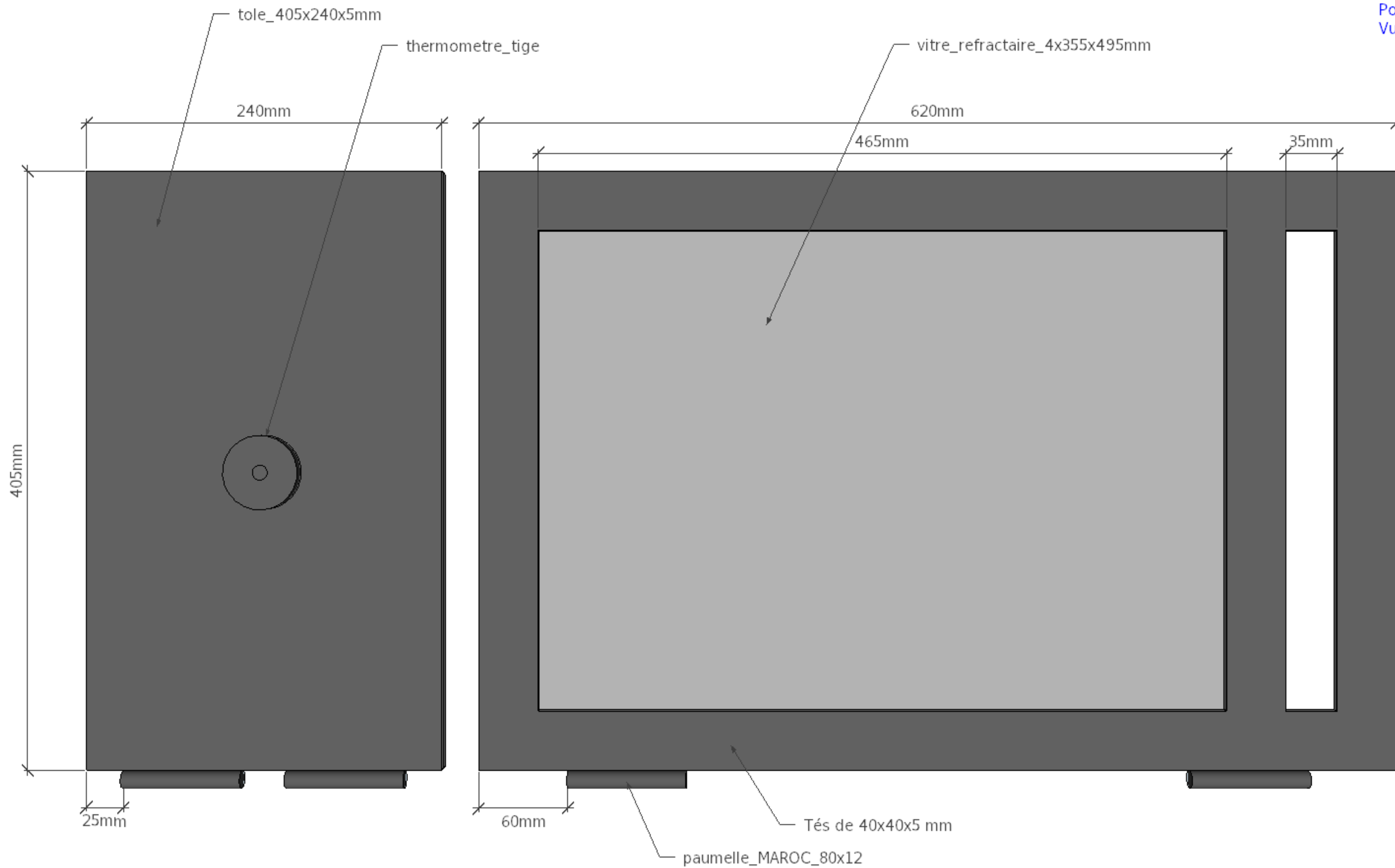


La surface de ce disque mesure  
5% de moins que la section interne  
du tube de 193,7x6,3 mm (181,1 mm int.)

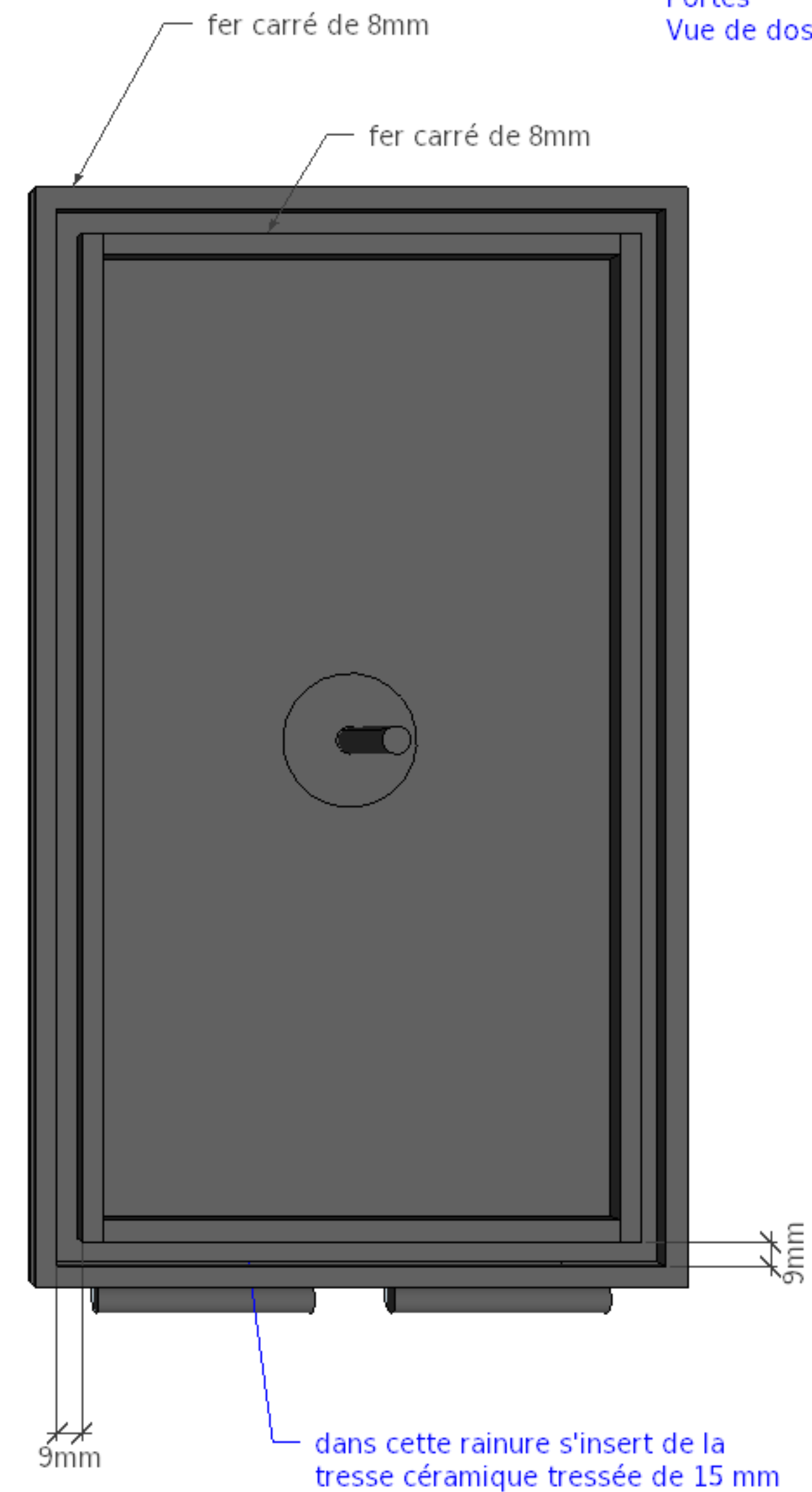
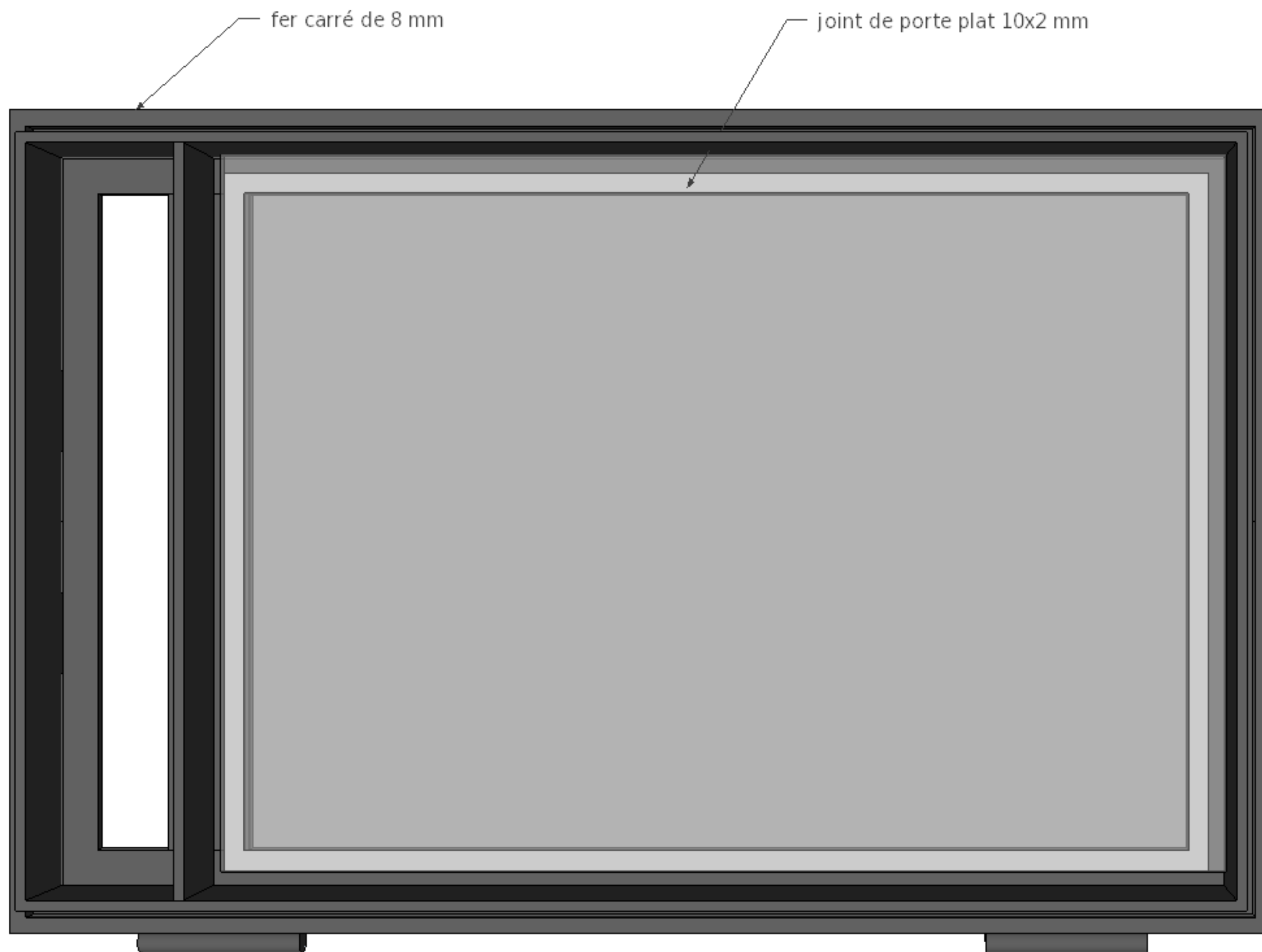
Pour un tube de 193,7x4 mm  
(185,7 mm int.), le diamètre  
idéal de ce disque serait de 180 mm

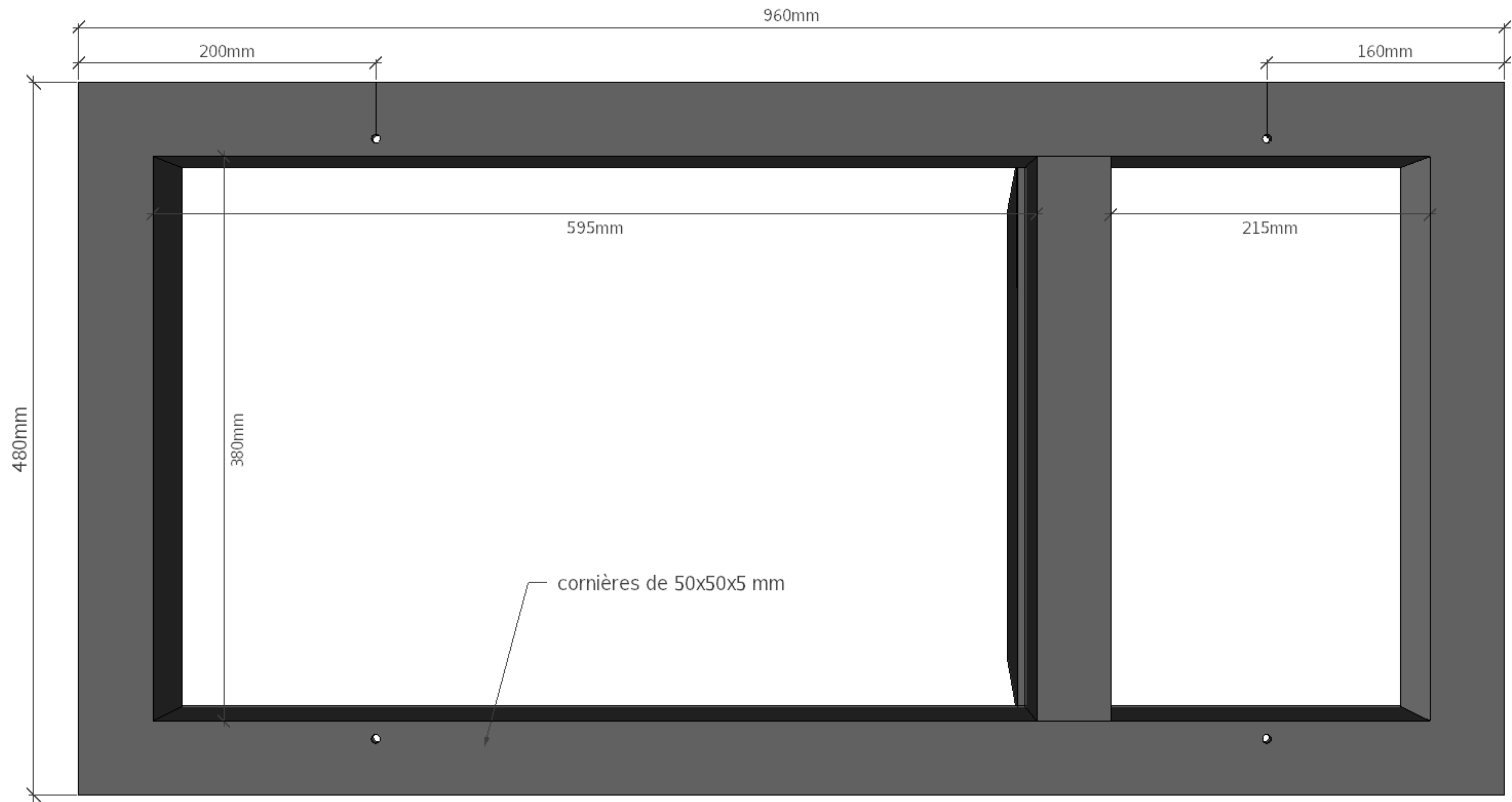


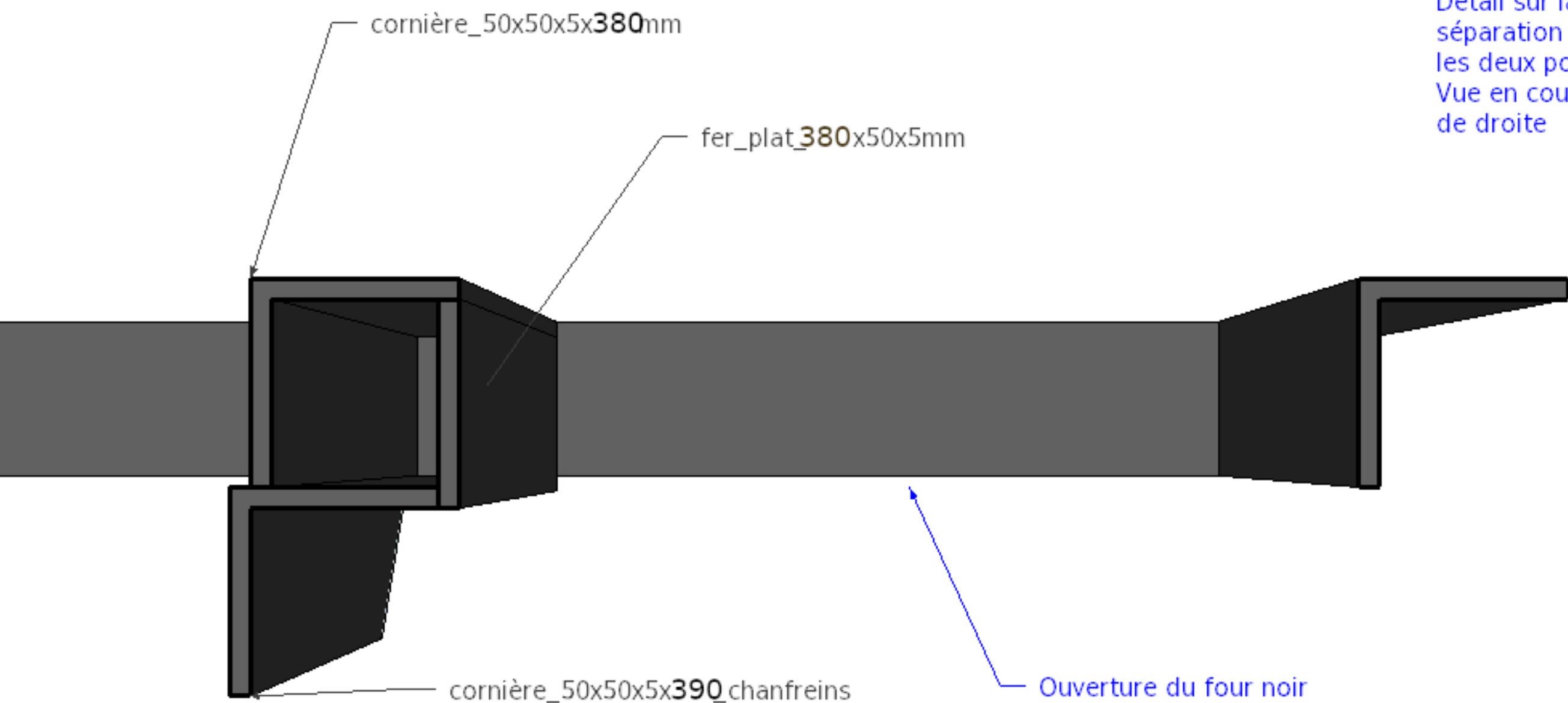


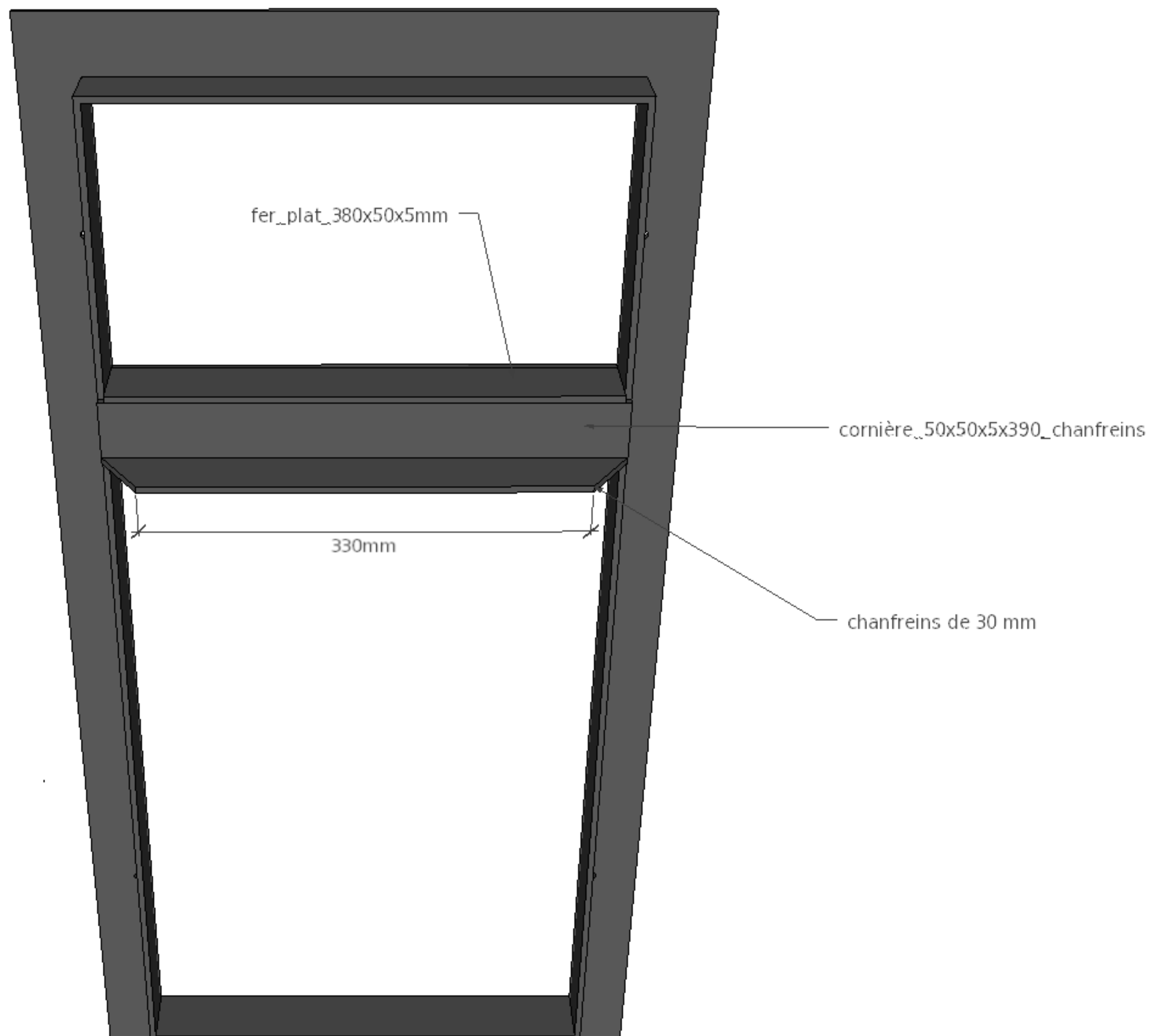


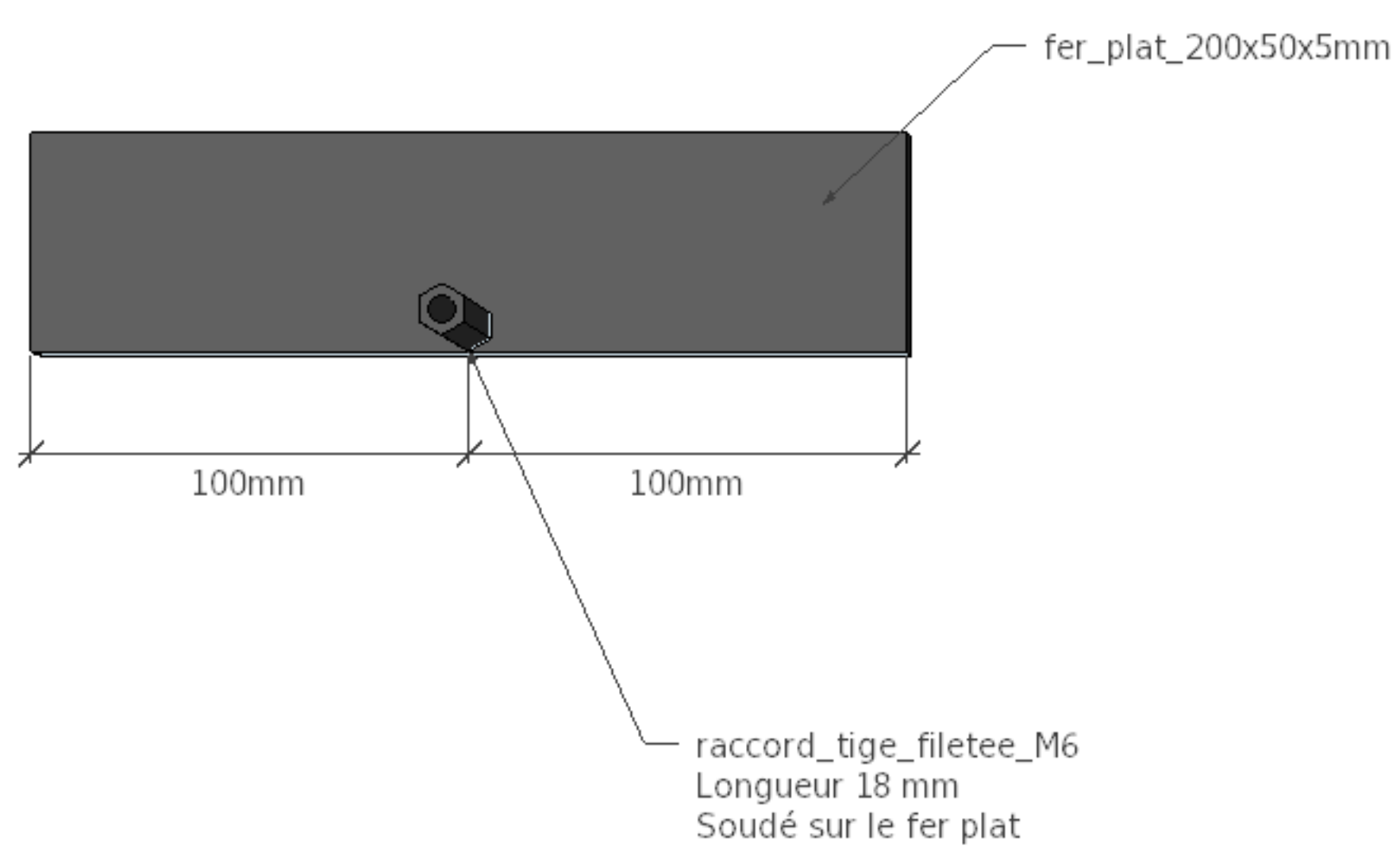








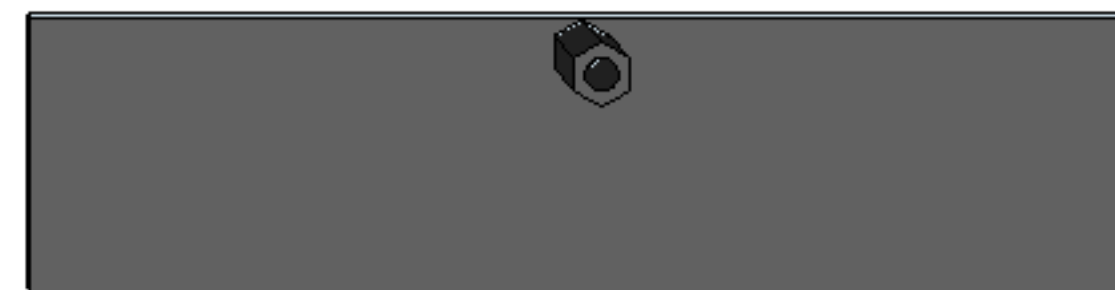
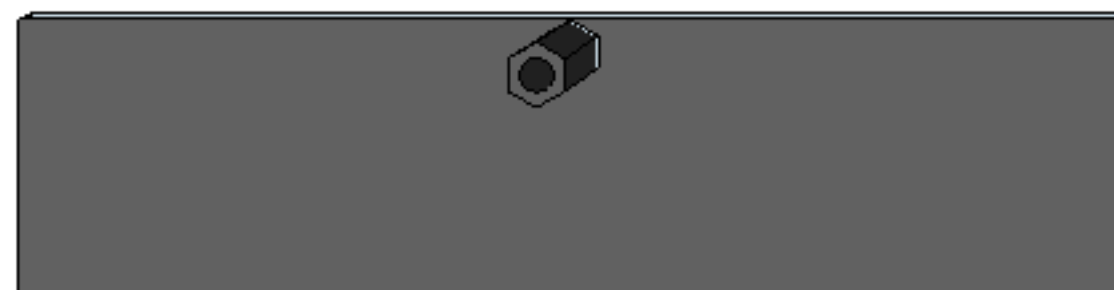


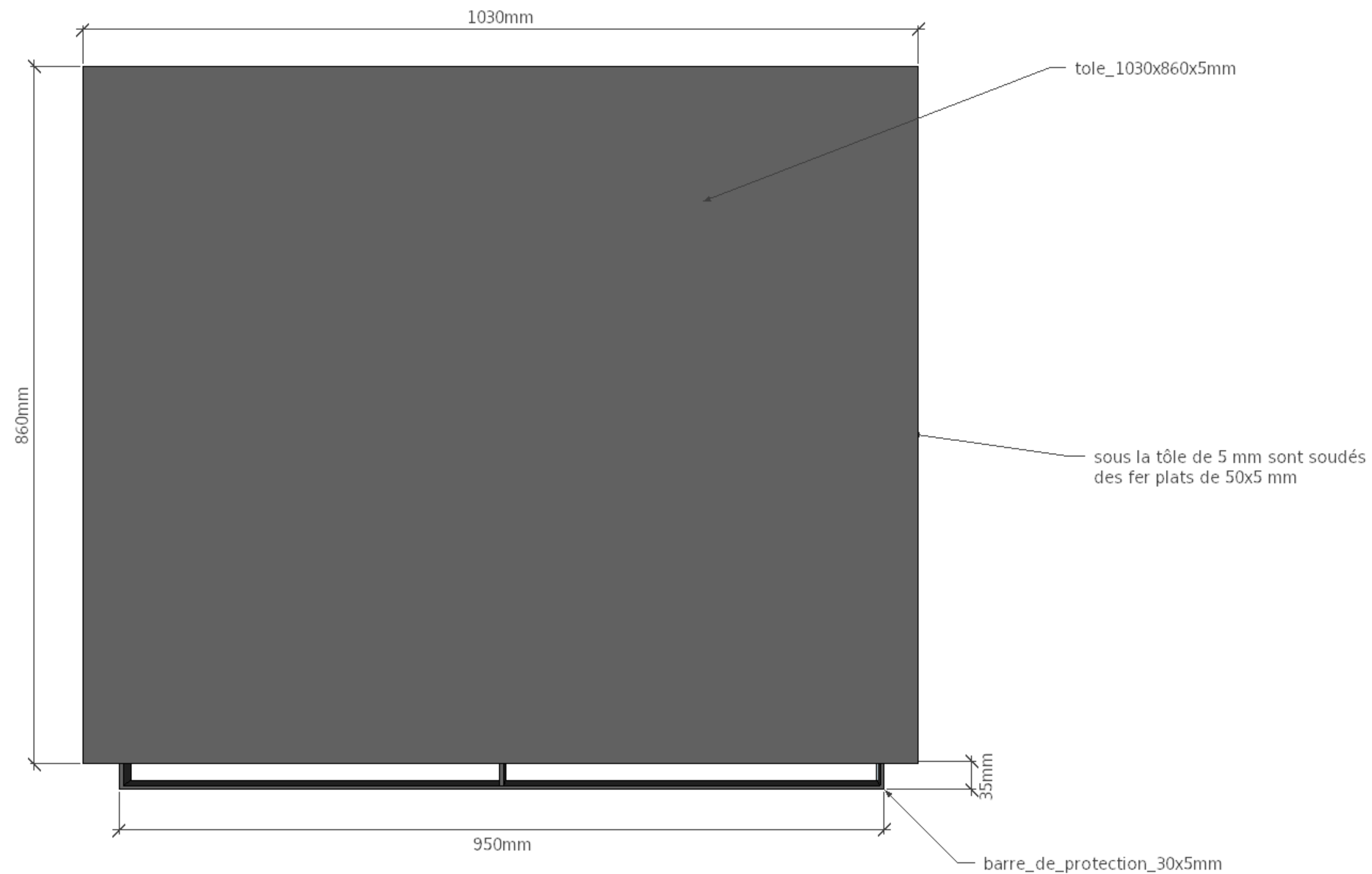


Fixations du cadre\_porte  
Le haut est à gauche

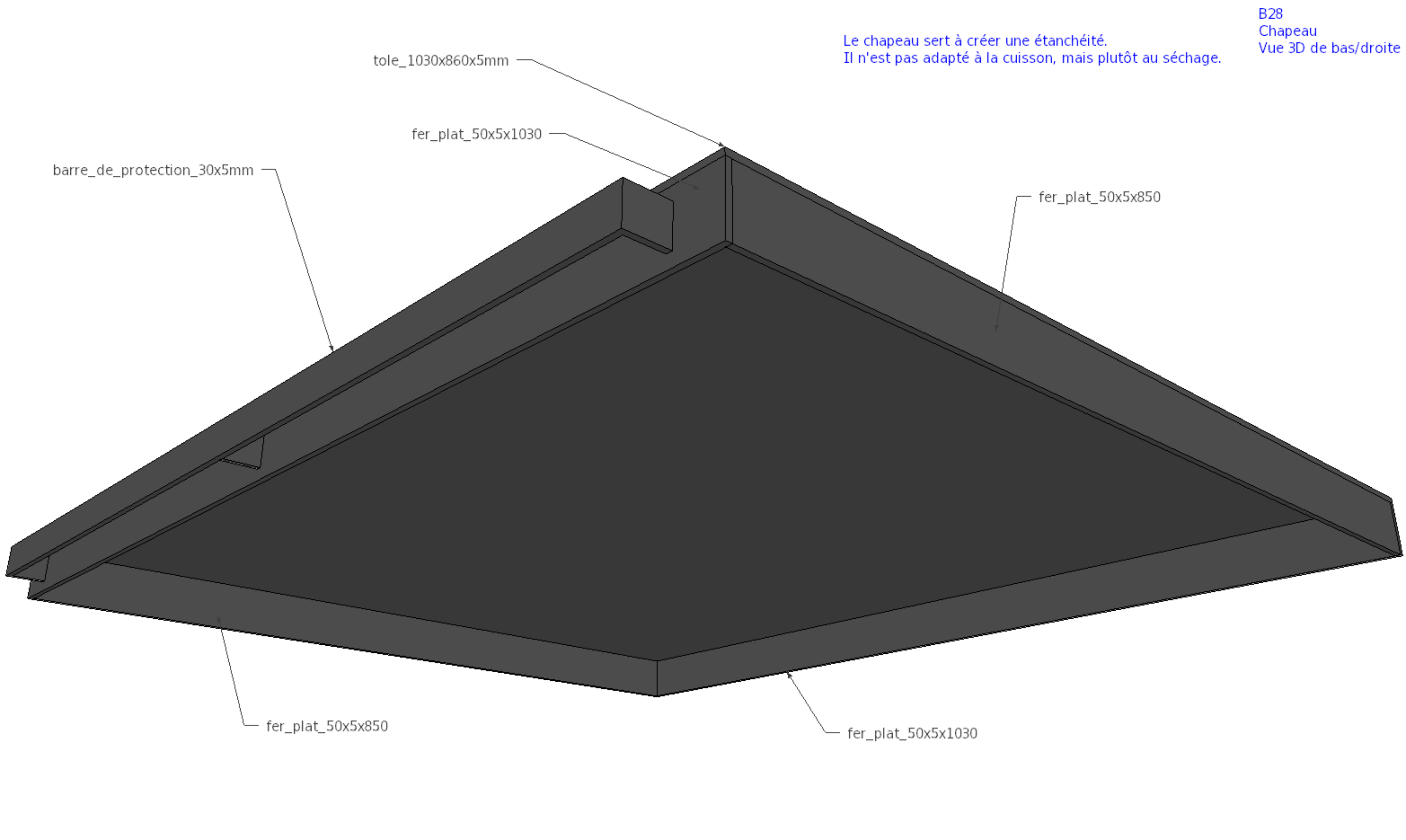


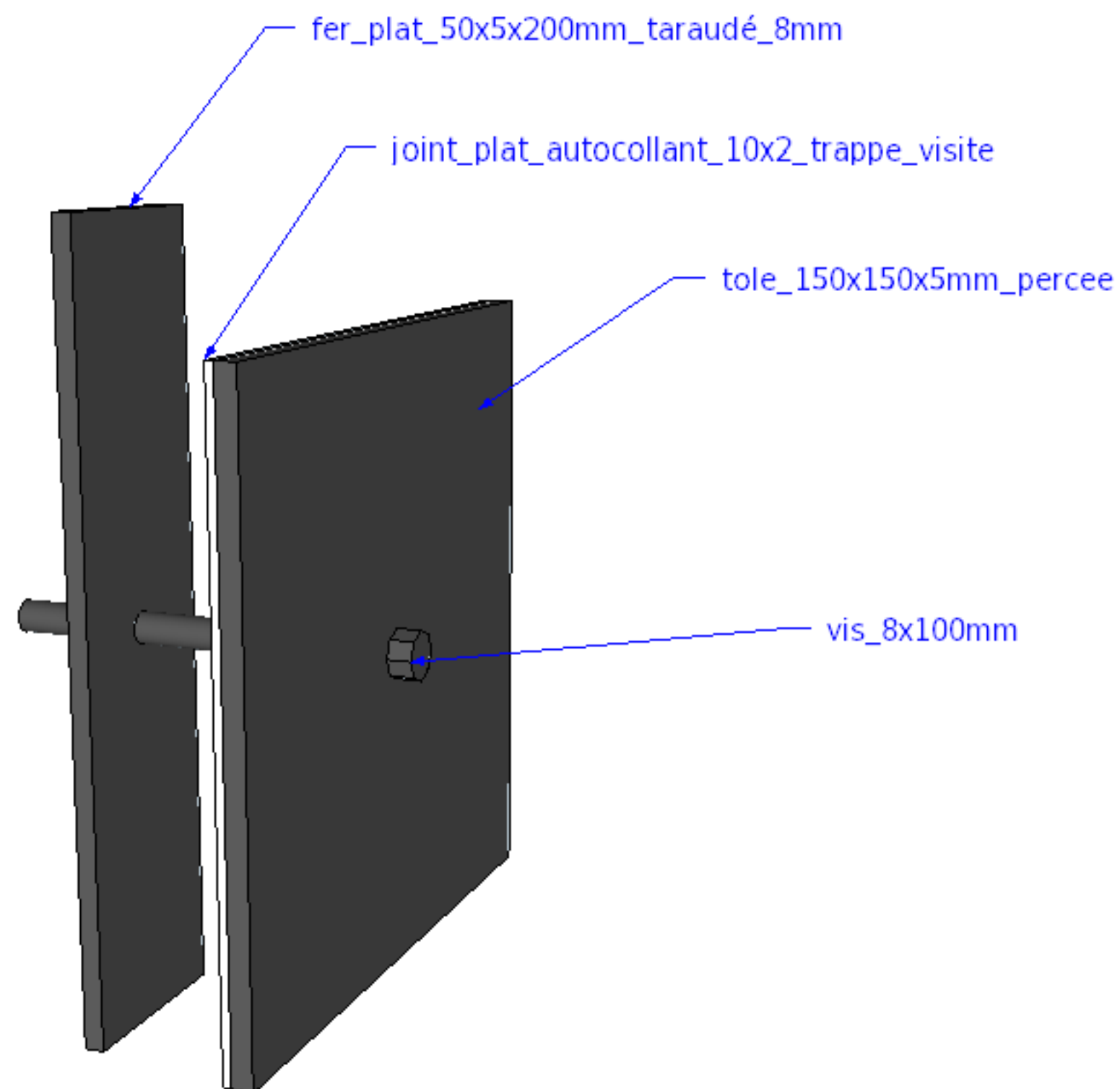
Les 4 fixations sont identiques.  
Le cadre est vissé avec des vis M6 à tête fraisée de 70 mm de long.  
Les fixations sont placées entre les deux peaux pour que le cadre  
soit maintenu par COMPRESSION.





Le chapeau sert à créer une étanchéité.  
Il n'est pas adapté à la cuisson, mais plutôt au séchage.







Trappe de visite  
Vue 3D de  
l'arrière-gauche

fer\_plat\_50x5x200mm\_taraudé\_8mm

joint\_plat\_autocollant\_10x2\_trappe\_visite

vis\_8x100mm

