

FICHE OUTIL

VOLUME : géométral

Définition géométral

C'est un **dessin en plan** d'un objet ou d'un espace avec ses dimensions relatives **exactes**, sans tenir compte de la **perspective**.

= Un plan favorise la **compréhension** et/ou la **conception** d'un objet.

vue de profil

Des dimensions à l'échelle

vue de face

Des traits, côtes et hachures dessinés selon la typologie.

vue de dessus

Des vues alignées et bien disposées.

ITEM	NO.	DIM. in/mm	COLOR	DOWEL HOLES LOCATIONS
A	ARMREST	2 450x90x30	Black stain & cadmium yellow (option)	Centered holes at 175mm and at 215mm from back edge, on center in width, and 2 holes, one 15mm in from each side, 45 mm from back edge.
B	BACK LEGS	2 470x30x30	-	1 hole at 15mm from the top on the back, and 1 hole at 30mm from the top on the inside, 1 hole and 2 hole.
C	ARMREST POSTS	2 430x30x30	-	350mm from top: 1 hole at 215mm and the front, 1 hole on the back and one hole at 30mm on the inside (1 right and 1 left).
D	LONG RAILS	2 600x30x30	-	1 hole and 2 hole, measuring from back, holes in the outside at 45mm, at 215mm and at 457mm, and at 185mm and 305mm on the top, the last two drilled through.
E	FRONT LEGS	2 330x30x30	-	1 hole and 1 hole, holes at 45mm and at 215mm from the top on the back, 1 hole at 215mm from the top on the inside.
F	CROSS RAILS	4 600x30x30	-	A & B: in each, 2 holes at front at 45mm from each, and 2 more holes on the underside at 175mm from each.
G	BACK BATTEN	1 660x30x30	-	Two holes at 45mm and 305mm from each end drilled through.
H	BACK	1 880x230x12	Vermilion	To be screwed central into cross and rails with counterbored wood screws.
I	SEAT	1 450x360x12	Dark ultra marine	To be screwed central into cross and rails with counterbored wood screws.

Représenter la complexité d'un volume

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Dessiner plusieurs vues (**face, dessus, profil, coupe, dos, etc.**).
Tous ces dessins doivent respecter **des règles communes**.



PLAN DE LA CHAISE ROUGE & BLEUE DE GERRIT RIETVELD, 1910
ÉCHELLE : 1:10 (A4)