

Mold Plain 240

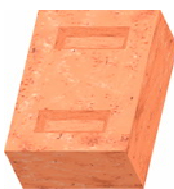
<p>This block is used for building plain load bearing walls 24 cm in thickness. It can be used up to 4 floors high. It possesses the advantage of saving mortar and allowing for fast block laying.</p>	Full block size (L x W x H, in mm) = 240 x 240 x 90		
	Net volume of material = 5.184 litres		
	Gross volume of block = 5.184 litres		
	Bearing area = 576 cm ²		
	Daily productivity for the full size block = 850 Nos		
	Number of blocks per bag = ~78		
	Quantities of materials	Per 1000 blocks	
	Soil :	7.70 (m ³)	
	Sand:	1.90(m ³)	
	Cement :	12.82(bag)	

24 x 24 x 9 cm



1 block/stroke

24 x 17.7 x 9 cm



1 block/stroke

24 x 11.5 x 9 cm



2 blocks/stroke

Special Block 240

(special accessories to Mould Plain 240)

<p>These blocks are used in conjunction with the plain block 240 to accommodate particular architectural attributes. These blocks are produced in the Mould Plain 240.</p> <p>U-shaped blocks are used for precasting the composite lintels and beams, as well as for casting plinth and ring beams</p>	Nominal block sizes (L x W x H, in mm) = 240 x 240 x 90		
	Net volume of material = <i>Varies with the block</i>		
	Gross volume of block = <i>Varies with the block</i>		
	Bearing area = <i>Not relevant</i>		
	Daily productivity for the full size block = <i>Varies with the block</i>		
	Number of blocks per bag = <i>Varies with the block</i>		
	Quantities of materials		
	Soil :	<i>Varies with the block</i>	
	Sand :		
	Cement :		

For electrical pipe



For water or electrical pipe



Tile



Flashing block



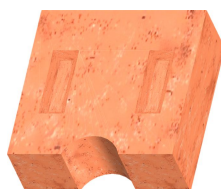
Coping block



Chamfered corner



For water or electrical pipe






U-block for tie beams



Mold Plain 290

<p>This block is used as a single block width for light load - bearing structures, or as a double block width for heavy load bearing structures. It has the advantage of saving mortar and allowing for fast block laying.</p>	Full block size (L x W x H, in mm) = 290 x 140 x 90		
	Net volume of material = 3.654 litres		
	Gross volume of block = 3.654 litres		
	Bearing area = 406 cm ²		
	Void = <i>Not relevant</i>		
	Daily productivity for the full size block = 850 Nos		
	Number of blocks per bag = ~116		
	Quantities of materials	Per 1000 blocks	

	Soil :	5.17(m3)	
	Sand :	1.29(m3)	
	Cement :	8.62(m3)	
29 x 14 x 9 cm	21.5 x 14 x 9 cm	14 x 14 x 9 cm	
			
1 block/stroke	1 block/stroke	2 blocks/stroke	

Special Block 290

(special accessories to Mould Plain 290)

<p>These blocks are used in conjunction with the Plain Block 290. These blocks are produced in the Mould Plain 290.</p> <p>U-shaped blocks are used for precasting the composite lintels and beams, as well as casting plinth and ring beams</p>	Nominal block sizes (L x W x H, in mm) = 290 x 140 x 90 mm		
	Net volume of material = <i>Varies with the block</i>		
	Gross volume of block = <i>Varies with the block</i>		
	Bearing area = <i>Not relevant</i>		
	Void = <i>Not relevant</i>		
	Daily productivity for the full size block = <i>Varies with the block</i>		
	Number of blocks per bag = <i>Varies with the block</i>		
	Quantities of materials		
	Soil :	<i>Varies with the block</i>	
	Sand :		
	Cement :		

For water or electrical pipe

U-block for tie beams

Tile

For electrical pipe



Flashing block

Coping block

Chamfered corner

For water or electrical pipe



U-block for tie beams

For water or electrical pipe

For electrical pipe



Mold Plain 190

<p>This block is used with the Hollow Block 390 for the partition walls.</p> <p>It can also be used for very light load bearing structures composed only of a ground floor.</p>	Full block size (L x W x H, in mm) = 190 x 90 x 90		
	Net volume of material = 1.539 litres		
	Gross volume of block = 1.539 litres		
	Bearing area = 171 cm ²		
	Void = <i>Not relevant</i>		
	Number of blocks per bag = ~270		
	Practical daily productivity for the full size block = 1400 Nos (3 blocks per stroke)		
	Quantities of materials		
	Soil :	Per 1000 blocks	
		2.18(m3)	

	Sand:	0.54 (m3)	
	Cement:	3.63 (bag)	

19 x 9 x 9 cm



3 blocks/stroke

Mold Mini Block

<p>This block is used to build vaults and domes.</p> <p>It can be used alone when these structures have the same thickness (7 cm) or it can be used in combination with other blocks when the thickness varies (case for optimized vaults and domes).</p>	Block size (L x W x H, in mm) = 140 x 70 x 50		
	Net volume of material = 0.490 litres		
	Gross volume of block = 0.490 litres		
	Bearing area = 35 cm ² (Block laid on edge)		
	Void = <i>Not relevant</i>		
	Daily productivity = 1400 blocks (4 blocks per stroke)		
	Number of blocks per bag = 820		
	Quantities of materials	Per 1000 blocks	
	Soil :	0.736 (m3)	
	Sand:	0.186(m3)	
	Cement:	1.22(m3)	

14 x 7 x 5 cm



4 blocks/stroke

Mold Hollow 240

<p>This block can be used for light load bearing structures up to 2 floors.</p> <p>It presents the advantage of saving materials and providing a better heat insulation.</p>	Full block size (L x W x H, in mm) = 240 x 240 x 90		
	Net volume of material = 3.969 litres		
	Gross volume of block = 5.184 litres		
	Bearing area = 451 cm ²		
	Void = 21.6 %		
	Daily productivity for the full size block = 600 blocks		
	Number of blocks per bag = ~107		
	Quantities of materials	Per 1000 blocks	
	Soil :	5.60 (m3)	
	Sand:	1.40(m3)	
	Cement:	9.34(m3)	

24 x 24 x 9 cm



1 block/stroke

24 x 11.5 x 9 cm



2 blocks/stroke

Mold Hollow 290

This block can be used for light load - bearing	Full block size (L x W x H, in mm) = 290 x 140 x 90		
	Net volume of material = 2.846 litres		
	Gross volume of block = 3.654 litres		

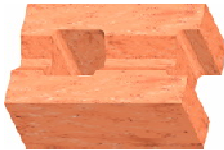
structures up to 2 floors. It possesses the advantage of saving materials and providing better heat insulation.	Bearing area = 326 cm ²	
	Void = 19.5 %	
	Daily productivity for the full size block = 600 blocks	
	Number of blocks per bag = ~156	
	Quantities of materials	Per 1000 blocks
	Soil :	3.84 (m3)
	Sand:	0.96 (m3)
	Cement:	6.40 (bag)

29 x 14 x 9 cm



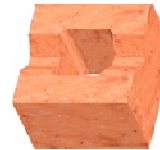
1 block/stroke

21.5 x 14 x 9 cm



1 block/stroke

14 x 14 x 9 cm



2 blocks/stroke

Mold Hollow 390

This block can be used for light load bearing structures up to two floors high. It presents the advantage of saving materials and providing better heat insulation.	Full block size (L x W x H, in mm) = 390 x 190 x 90	
	Net volume of material = 4.869 litres	
	Gross volume of block = 6.669 litres	
	Bearing area = 541 cm ²	
	Void = 29.7 %	
	Daily productivity for the full size block = 600 Nos	
	Number of blocks per bag = ~95	
	Quantities of materials	Per 1000 blocks
	Soil :	6.30 (m3)
	Sand :	1.57 (m3)
	Cement :	10.50 (bag)

39 x 19 x 9 cm



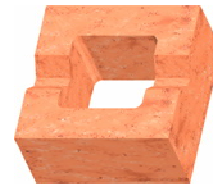
1 block/stroke

29 x 19 x 9 cm



1 block/stroke

19 x 19 x 9 cm



2 blocks/stroke

Mold Round 240

This block is used for building composite columns (Reinforced cement concrete in the middle hole). It has the advantage of saving reinforced cement concrete.	Block size = Ø 240 - Ø 88 x 90 mm	
	Net volume of material = 3.524 litres	
	Gross volume of block = 4.071 litres	
	Bearing area = 391 cm ²	
	Void = 14 %	
	Daily productivity = 750 Nos	
	Number of blocks per bag = ~119	
	Quantities of materials	Per 1000 blocks
	Soil :	5.04 (m3)
	Sand :	1.26 (m3)
	Cement :	8.40 (bag)

Dia. 24 cm / 1 central hole dia 9cm

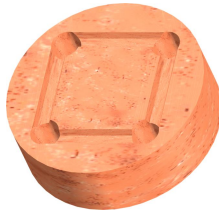


1 block/stroke

Mold Round 290

<p>This block is used for building composite columns (reinforced cement concrete in the 4 holes).</p> <p>It has the advantage of saving reinforced cement concrete.</p>	Block size = Ø 290 x 90 mm		
	Net volume of material = 5.413 litres		
	Gross volume of block = 5.940 litres		
	Bearing area = 660 cm ²		
	Void = 7.6 %		
	Daily productivity for the full size block = 750 Nos		
	Number of blocks per bag = ~79		
	Quantities of materials	Per 1000 blocks	
	Soil :	7.60 (m3)	
	Sand :	1.90 (m3)	
	Cement :	12.66 (bag)	

Dia. 29 cm / 4 side holes Dia.4.2 cm



1 block/stroke

Mold Hollow Interlocking 245

<p>These blocks are used for building disaster-resistant constructions, as it has provisions for vertical and horizontal reinforcing elements.</p> <p>They can be used up to 2 floors high in seismic zones 3, 4, and 5 (Indian zones).</p>	Full block size (L x W x H, in mm) = 245 x 245 x 95		
	Net volume of material = 5.439 litres		
	Gross volume of block = 5.702 litres		
	Bearing area = 560 cm ²		
	Void = 8 %		
	Daily productivity for the full size block = 500 Nos		
	Number of blocks per bag = ~78		
	Quantities of materials	Per 1000 blocks	
	Soil :	7.63(m3)	
	Sand :	1.90 (m3)	
	Cement :	12.71 (m3)	

24.5 x 24.5 x 9.5 cm

24.5 x 24.5 x 9.5 cm

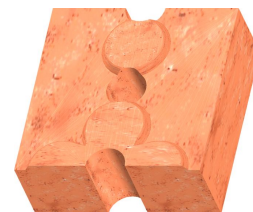
24.5 x 24.5 x 9.5 cm



Running block



Corner block



T & X wall

Corner block

T & X block

Tie beam running block

Tie beam corner block



Mold Hollow Interlocking 295

	Full block size (L x W x H, in mm) = 295 x 145 x 95
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<p>These blocks are used for building disaster-resistant constructions, as they include provisions for vertical and horizontal reinforcing elements.</p> <p>They can be used only ground floor structures in seismic zones 3 and 4 (Indian zones).</p>	Net volume of material = 3.800 litres		
	Gross volume of block = 4.063 litres		
	Bearing area = 384 cm ²		
	Void = 9.3 %		
	Daily productivity for the full size block = 500 Nos		
	Number of blocks per bag = ~109		
	Quantities of materials	Per 1000 blocks	
	Soil :	5.48 (m3)	
Sand :		1.37 (m3)	
Cement :		9.14 (bag)	

29.5 x 14.5 x 9.5 cm



1 block/stroke

14.5 x 14.5 x 9.5 cm



2 blocks/stroke

29.5 x 14.5 x 9.5 cm



1 block/stroke

29.5 x 14.5 x 9.5 cm



1 block/stroke

22 x 14.5 x 9.5 cm



1 block/stroke

14.5 x 14.5 x 9.5 cm



2 blocks/stroke

Mold Plain Interlocking 245

<p>These blocks can be used by semiskilled labour.</p> <p>They cannot be used for building disaster resistant constructions, as they have no provisions for reinforcing elements.</p> <p>They can be used up to 2 floors high.</p>	Full block size (L x W x H, in mm) = 245 x 245 x 95		
	Net volume of material = 5.702 litres		
	Gross volume of block = 5.702 litres		
	Bearing area = 600 cm ²		
	Void = <i>Not relevant</i>		
	Daily productivity for the full size block = 500 Nos		
	Number of blocks per bag = ~74		
	Quantities of materials	Per 1000 blocks	
Soil :		8.06 (m3)	
Sand :		2.00 (m3)	
Cement :		13.43 (bag)	

24.5 x 24.5 x 9.5 cm



1 block/stroke

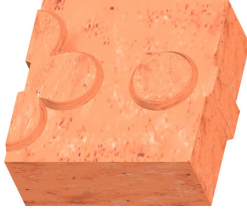
24.5 x 12 x 9.5 cm



2 blocks/stroke

24.5 x 24.5 x 9.5 cm / T & X Walls

24.5 x 12 x 9.5 cm / T & X Walls



1 block/stroke



2 blocks/stroke

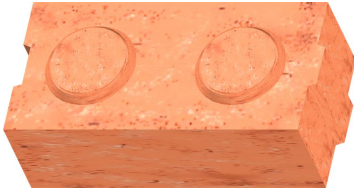
Mould Plain Interlocking 295

<p>These blocks cannot be used for building disaster resistant constructions, as they have no provisions for reinforcing elements.</p> <p>They can be used by semi-skilled labour.</p>	Full block size (L x W x H, in mm) = 295 x 145 x 95		
	Net volume of material = 4.063 litres		
	Gross volume of block = 4.063 litres		
	Bearing area = 427 cm ²		
	Void = <i>Not relevant</i>		
	Daily productivity for the full size block = 500 Nos		
	Number of blocks per bag = ~102		
	Quantities of materials	Per 1000 blocks	
Soil :		5.87 (m3)	
Sand :		1.47 (m3)	
Cement :		9.78 (bag)	

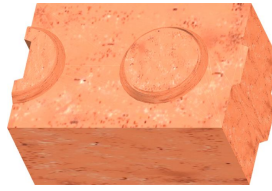
29.5 x 14.5 x 9.5 cm

22 x 14.5 x 9.5 cm

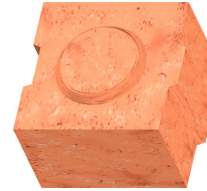
14.5 x 14.5 x 9.5 cm



1 block/stroke



1 block/stroke



2 blocks/stroke

Mould Hourdis 400

<p>This block is used to create floors and roofs.</p> <p>It rests either on reinforced concrete T beams or on ferrocement channels.</p>	Block size (L x W x H, in mm) = 400 x 240 x 85		
	Net volume of material = 5.266 litres		
	Gross volume of block = 7.708 litres		
	Bearing area = <i>Not relevant</i>		
	Void = 31.7 %		
	Daily productivity for the full size block = 400 Nos		
	Number of blocks per bag = 84		
	Quantities of materials	Per 1000 blocks	
Soil :		7.14 (m3)	
Sand :		1.78 (m3)	
Cement :		11.9 (bag)	

40 x 24 x 8 cm



1 block/stroke

Mold Dry Interlocking 300

These blocks are used for building disaster-resistant constructions, as they have provisions for vertical and horizontal reinforcing elements. They are dry stacked and a concrete grout is cast in the holes to bind all vertical and horizontal joints.

They can be used only for ground floor structures in seismic zones 3 and 4 (Indian zones).

Full block size (L x W x H, in mm) = 299 x 150 x 100

Net volume of material = 4.009 litres

Gross volume of block = 4.225 litres

Bearing area = 390 cm²

Void = 10 %

Daily productivity for the full size block = 500 Nos

Number of blocks per bag = ~ 109

Quantities of materials

Per 1000 blocks

Soil (m³)

5.80 (m³)

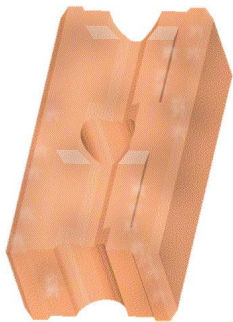
Sand (m³)

1.40 (m³)

Cement (bag)

9.75 (bag)

299 x 150 x 100



Running block / 1 block/stroke

224 x 150 x 100



Running block / 1 block/stroke

299 x 150 x 100



Corner block / 1 block/stroke

224 x 150 x 100



Ring beam block / 1 block/stroke

299 x 150 x 100



Ring beam block / 1 block/stroke

149 x 150 x 100



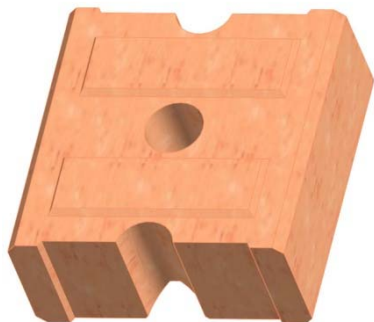
2 blocks/stroke

and the dry interlocking blocks do not need any mortar at all but a grout cast in the holes

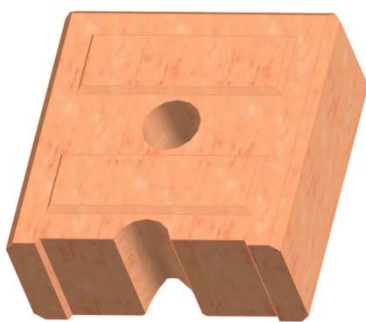
Mold Dry Interlocking 250

<p>These blocks are used for building disaster-resistant constructions, as they have provisions for vertical and horizontal reinforcing elements. They are dry stacked and a concrete grout is cast in the holes to bind all vertical and horizontal joints.</p> <p>They can be used up to 2 floors high in seismic zones 3, 4 and 5 (Indian zones)</p>	Full block size (L x W x H, in mm) = 250 x 249 x 100	
	Net volume of material =	
	Gross volume of block =	
	Bearing area =	
	Void =	
	Daily productivity for the full size block =	
	Number of blocks per bag =	
	Quantities of materials	Per 1000 blocks
	Soil (m ³)	
	Sand (m ³)	
	Cement (bag)	

Running Block
250 x 249 x 100



Corner Block
250 x 249 x 100



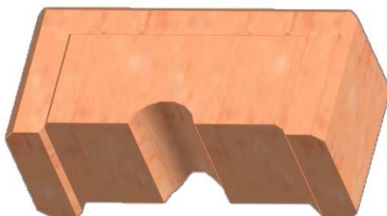
Intersection Block
250 x 249 x 100



Ring Beam Block
250 x 249 x 100



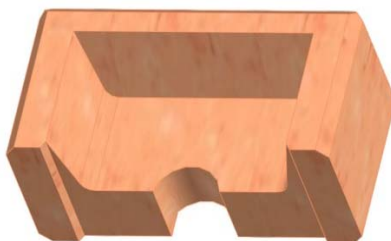
Half Block end
250 x 124.5 x 106



Half block
250 x 124.5 x 106



Half Ring Beam Block
250 x 124.5 x 100

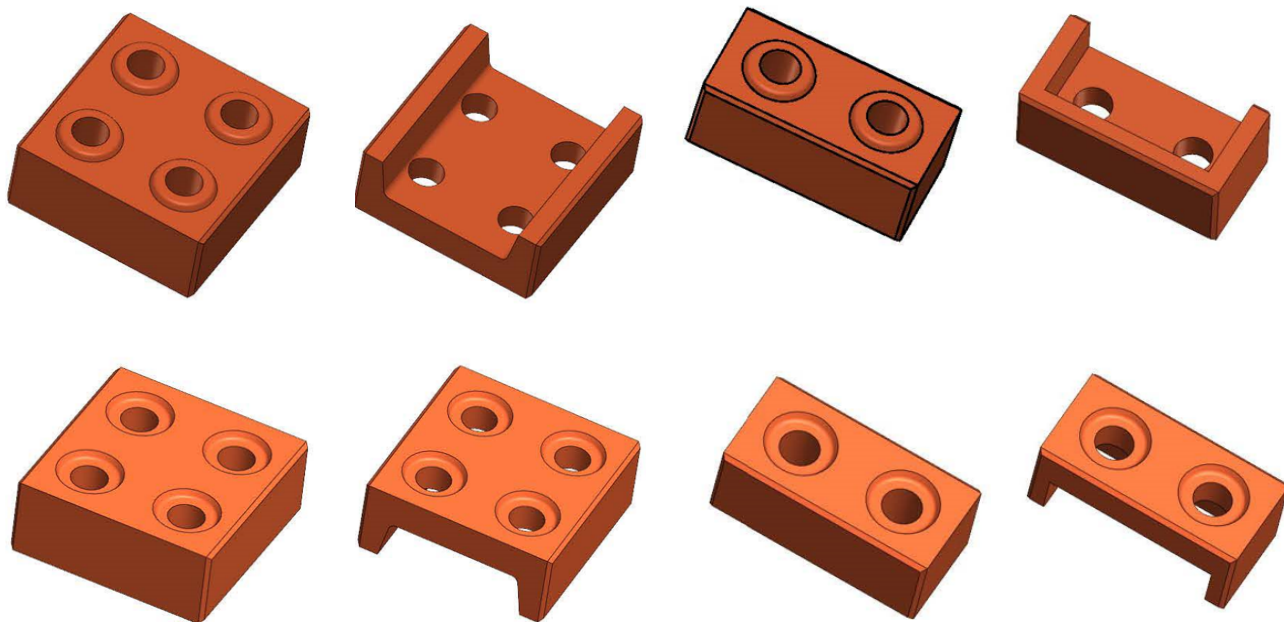


Innolock Mold 250 (Dry stacking)

These blocks are used for building load-bearing walls of 25 cm thick. They can be used up to 3 floors high. They are laid with a “earth stabilised glue” of a few mm and a concrete grout is cast in the cores to bind better all vertical and horizontal joints. They have provisions for vertical reinforcing elements.

Full block size (L x W x H, in mm) = 250 x 249 x 100		
Net volume of material = 5.747 Litres		
Gross volume of block = 6.25 Litres		
Bearing area = 575 cm ² (The cores of this block are filled with concrete)		
Void = 8.05%		
Daily productivity for the full size block = 500		
Number of blocks per bag = ~ 73		
Quantities of materials	Per 1000 blocks	
Soil (m ³)	8.07	
Sand (m ³)	2.01	
Cement (bag)	13.46	

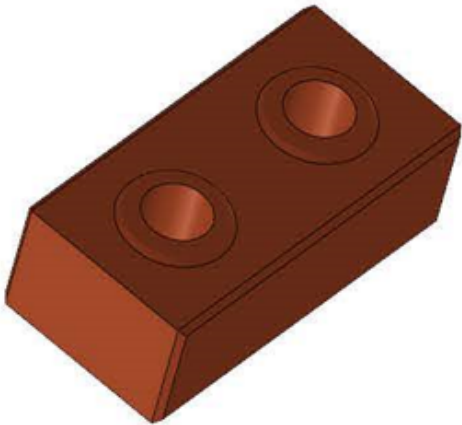
Innolock 250 Full block 250 x 249 x 100	Innolock 250 "U" Full block 250 x 249 x 100	Innolock 250 Half block 125 x 249 x 100	Innolock 250 "U" Half block 125 x 249 x 100
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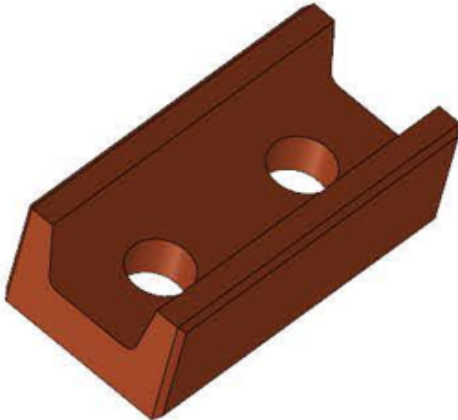
Innolock Mold 300 (Dry stacking)

<p>These blocks are used for building disaster-resistant constructions, as they have provisions for vertical and horizontal reinforcing elements. They are dry stacked and a concrete grout is cast in the holes to bind all vertical and horizontal joints.</p> <p>They can be used only for ground floor structures in seismic zones 3 and 4 (Indian zones).</p>	Full block size (L x W x H, in mm) = 299 x 150 x 100	
	Net volume of material = 4.009 litres	
	Gross volume of block = 4.225 litres	
	Bearing area = 390 cm²	
	Void = 10 %	
	Daily productivity for the full size block = 500 Nos	
	Number of blocks per bag = ~ 109	
	Quantities of materials	Per 1000 blocks
	Soil (m³)	5.80 (m3)
	Sand (m³)	1.40 (m3)
	Cement (bag)	9.75 (bag)

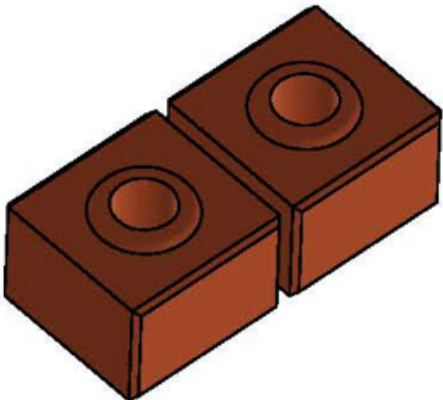
Innolock 300 Full block
299 x 150 x 100



Innolock 300 "U" Full block
299 x 150 x 100



Innolock 300 Half block
150 x 150 x 100



Innolock 300 "U" Half block
150 x 150 x 100

