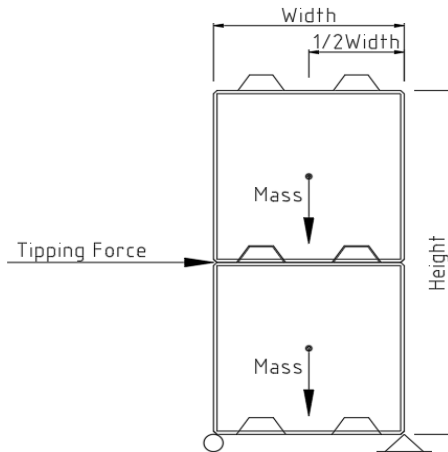


STRUCTURAL DESIGN TIPPING FORCE



BLOCK MOULDS

benefits of modular construction



| Weight | | | | | |
|--------|--------|--------|---------|---------|---------|
| | Width | 40 cm | 40 cm | 80 cm | 80 cm |
| | Height | 40 cm | 80 cm | 40 cm | 80 cm |
| Length | 40 cm | 154 kg | 307 kg | 307 kg | 614 kg |
| | 80 cm | 307 kg | 614 kg | 614 kg | 1229 kg |
| | 120 cm | 461 kg | 922 kg | 922 kg | 1843 kg |
| | 160 cm | 614 kg | 1229 kg | 1229 kg | 2458 kg |
| Weight | | | | | |
| | Width | 30 | 30 | 60 | 60 |
| | Height | 30 | 60 | 30 | 60 |
| Length | 30 cm | 65 kg | 130 kg | 130 kg | 259 kg |
| | 60 cm | 130 kg | 259 kg | 259 kg | 518 kg |
| | 90 cm | 194 kg | 389 kg | 389 kg | 778 kg |
| | 120 cm | 259 kg | 518 kg | 518 kg | 1037 kg |
| | 150 cm | 324 kg | 648 kg | 648 kg | 1296 kg |
| | 180 cm | 389 kg | 778 kg | 778 kg | 1555 kg |
| | 210 cm | 454 kg | 907 kg | 907 kg | 1814 kg |
| | 240 | 518 kg | 1037 kg | 1037 kg | 2074 kg |

| Tipping force one block (short side) | | | | | |
|--------------------------------------|--------|--------|--------|---------|---------|
| | Width | 40 cm | 40 cm | 80 cm | 80 cm |
| | Height | 40 cm | 80 cm | 40 cm | 80 cm |
| Length | 40 cm | 1,5 kN | 1,5 kN | 6,1 kN | 6,1 kN |
| | 80 cm | 3,1 kN | 3,1 kN | 12,3 kN | 12,3 kN |
| | 120 cm | 4,6 kN | 4,6 kN | 18,4 kN | 18,4 kN |
| | 160 cm | 6,1 kN | 6,1 kN | 24,6 kN | 24,6 kN |
| Tipping force one block (short side) | | | | | |
| | Width | 30 cm | 30 cm | 60 cm | 60 cm |
| | Height | 30 cm | 60 cm | 30 cm | 60 cm |
| Length | 30 cm | 0,6 kN | 0,6 kN | 2,6 kN | 2,6 kN |
| | 60 cm | 1,3 kN | 1,3 kN | 5,2 kN | 5,2 kN |
| | 90 cm | 1,9 kN | 1,9 kN | 7,8 kN | 7,8 kN |
| | 120 cm | 2,6 kN | 2,6 kN | 10,4 kN | 10,4 kN |
| | 150 cm | 3,2 kN | 3,2 kN | 13,0 kN | 13,0 kN |
| | 180 cm | 3,9 kN | 3,9 kN | 15,6 kN | 15,6 kN |
| | 210 cm | 4,5 kN | 4,5 kN | 18,1 kN | 18,1 kN |
| | 240 cm | 5,2 kN | 5,2 kN | 20,7 kN | 20,7 kN |

CHECK GROUND STABILITY AND CONSISTANCY BEFOR BUILDING A STRUCTURE
 CHECK WITH A STRUCTURAL ENGINEER BEFORE BUILDING AND LOADING A STRUCTURE
 USE OF THESE CALCULATIONS IS FOR YOUR OWN RISK AND RESPONSIBILITY

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