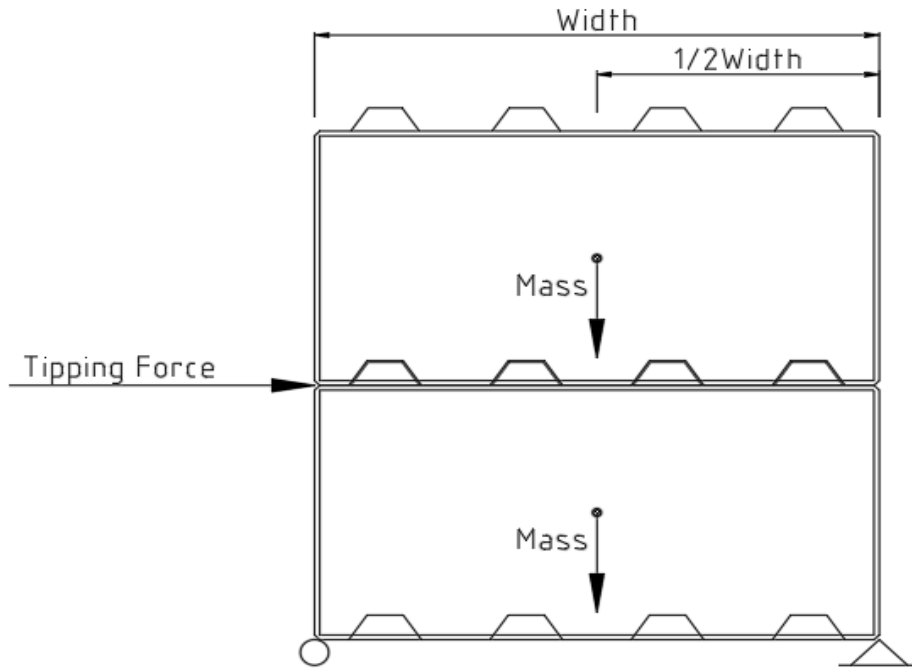


# STRUCTURAL DESIGN TIPPING FORCE



## 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 three blocks (long side) U2 |        |         |         |         |         |
|---|--------|---------|---------|---------|---------|
|   | 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  | 3,1 kN  | 3,1 kN  |
|   | 80 cm  | 6,1 kN  | 6,1 kN  | 12,3 kN | 12,3 kN |
|   | 120 cm | 13,8 kN | 13,8 kN | 27,6 kN | 27,6 kN |
|   | 160 cm | 24,6 kN | 24,6 kN | 49,2 kN | 49,2 kN |
| Tipping force three blocks (long side) U2 |        |         |         |         |         |
|   | 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  | 1,3 kN  | 1,3 kN  |
|   | 60 cm  | 2,6 kN  | 2,6 kN  | 5,2 kN  | 5,2 kN  |
|   | 90 cm  | 5,8 kN  | 5,8 kN  | 11,7 kN | 11,7 kN |
|   | 120 cm | 10,4 kN | 10,4 kN | 20,7 kN | 20,7 kN |
|   | 150 cm | 16,2 kN | 16,2 kN | 32,4 kN | 32,4 kN |
|   | 180 cm | 23,3 kN | 23,3 kN | 46,7 kN | 46,7 kN |
|   | 210 cm | 31,8 kN | 31,8 kN | 63,5 kN | 63,5 kN |
|   | 240 cm | 41,5 kN | 41,5 kN | 82,9 kN | 82,9 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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**IBAN** NL79 RABO 0335 7223 26

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