

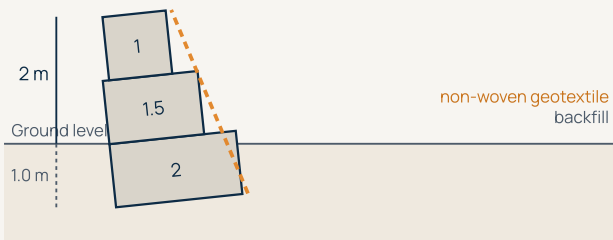
Typical Gabion Wall Sections

2 m to 5 m high · 1 m courses · 6° batter · 1 m embedment

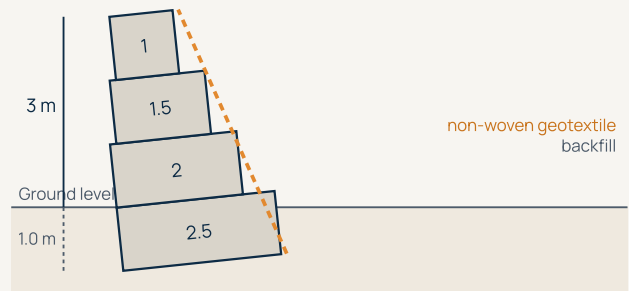


Typical sections from the Ministry of Rural Development guide *Gabion Retaining Walls for Rural Roads* (2015): 1 m high gabion courses, the whole wall battered back at 6°, the bottom course 1 m below ground, front steps of about 0.1 m, and a non-woven geotextile between the gabions and the backfill. Measured on the full height, each base is about $0.63\text{--}0.7 \times H$ — inside the IRC:SP:116-2018 range of 0.6–0.75 H.

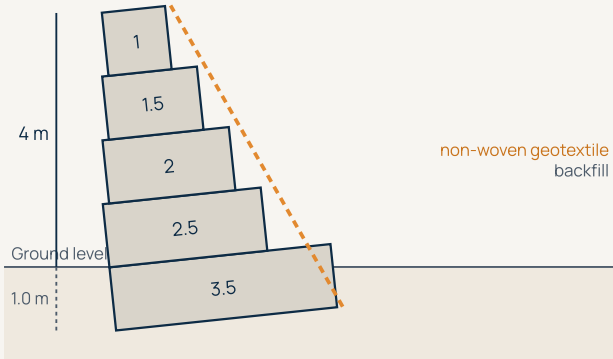
2 m above ground · course widths 1 · 1.5 · 2 m · base 2 m



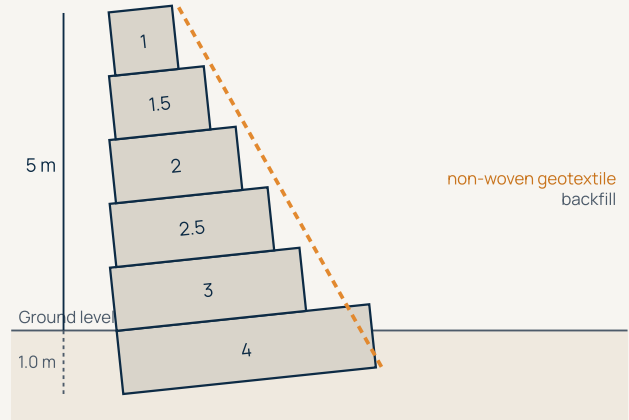
3 m above ground · course widths 1 · 1.5 · 2 · 2.5 m · base 2.5 m



4 m above ground · course widths 1 · 1.5 · 2 · 2.5 · 3.5 m · base 3.5 m



5 m above ground · course widths 1 · 1.5 · 2 · 2.5 · 3 · 4 m · base 4 m



- Indicative only: for checking a drawing or a BOQ quantity. Every wall needs a design by a qualified engineer for its own soil, loads and water — sliding 1.5, overturning 2.0, bearing 2.0 (IRC:SP:116 Table 15).
- Boxes $2 \times 1 \times 1$ m with the 2 m side along the wall are the common module (IS 14458 Part 6). Stone about 1.7 t per m^3 of gabion.

