

# wall tiling weights

Tiling wall substrates	Maximum weight* of tiling per m <sup>2</sup>
Gypsum plaster	20kg/m <sup>2</sup>
Gypsum plasterboard direct (i.e. without a plaster skim)	32kg/m <sup>2</sup>
Plywood (WBP)	Up to 30kg/m <sup>2</sup>
Lightweight tile-backer boards**	Up to 40kg/m <sup>2</sup> dependent upon type/thickness of board
Glass reinforced cement sheets**	Up to 50kg/m <sup>2</sup> dependent upon type/thickness of board
Gypsum fibre boards**	Approx. 35- 40kg/m <sup>2</sup>

## Typical weight equivalents

**20kg/m<sup>2</sup>:** ceramic tiles up to 8mm thick (max.) or natural stone tiles up to 7mm thick (max.).

**32kg/m<sup>2</sup>:** ceramic tiles up to 12.5mm thick (max.) or natural stone tiles up to 10mm thick (max.).

**For other weight limits:** check limit against declared tile weight per m<sup>2</sup> PLUS 2-4kg/m<sup>2</sup> allowance for adhesive and grout.

## primer guide

Key substrates/backgrounds to be primed using **BAL Prime APD** or **BAL Primer** :

### TWO coats neat

- Calcium sulphate screed
- Anhydrite screed
- Gypsum plaster<sup>▼§</sup>
- Plasterboard<sup>▼§</sup>
- Tongue-and-groove floorboards

### ONE coat

- Lightweight blockwork

### ONE coat

(diluted 1:1 with clean water)

- Gypsum plaster<sup>▼‡</sup>

### ONE coat

(if required i.e. surface is dusty/friable)

- Cement:sand render
- Concrete
- Cement:sand screed

Substrate/base recommended to be primed using **BAL Bond SBR**:

### ONE coat neat

- Plywood laid over underfloor heating

The following substrates do not require priming on the face of the substrate/background that will receive tiles:

- Lightweight tile backer boards
- Calcium Silicate boards
- Fibre-reinforced cement sheets<sup>#</sup>
- Plywood/Chipboard<sup>#</sup>

\* Tiles PLUS adhesive & grout

\*\* Seek further advice/guidance from board manufacturers

§ If using cementitious adhesives

‡ If using ready-mixed dispersion adhesives

▼ **BAL Bond SBR** may be used instead as primer – diluted 1:2 with clean water if using *BAL cementitious* adhesives (or 1:4 if using *BAL ready-mixed dispersion* adhesives).

# Apply ONE coat of neat **BAL Bond SBR** to the reverse side and edges.

## BAL tips

### second coat priming

*When TWO coats of primer are required, it's Good Practice to apply the second coat at 90° to the first coat – i.e. one coat horizontally, and one vertically. Always allow each coat to dry.*