

# TILE INSTALLED OVER GYPSUM BOARD - THIN-SET METHOD

## 304W-2019-2021

### DRY AREAS ONLY

### SUITABLE SUBSTRATES

- Gypsum board
- Wood or metal strapping, or studs. Maximum 406 mm o.c.

### MATERIALS

- TILE
- TAPE – 51 mm drywall tape
- BOND COAT – Latex-Portland cement mortar or organic adhesive Type I or Type II (minimum acceptable standard ANSI A136.1 or ISO 13007 D1).
- GROUT – Epoxy grout (minimum acceptable standard ANSI A118.3 or ISO 13007 RG) or latex-Portland cement grout (minimum acceptable standard ANSI A118.6 or ISO 13007 CG1).

### APPLICATION

- Gypsum board (13 mm minimum) to be stable, plumb, square and screwed to studs. All joints to be taped and sanded, if necessary. For large format tile where any side is greater than 380 mm, surface variation should not exceed 3 mm in 3000 mm and 1.5 mm in 600 mm. Use proper notched trowel to ensure adequate bond. Place the tiles firmly into the wet bond coat. Push the tiles back and forth in a direction perpendicular to trowel lines, to collapse the mortar ridges and to help achieve maximum coverage. Ensure proper contact between mortar, tile and substrate by periodically lifting a few tiles to check for acceptable coverage. Use sufficient bond coat to ensure minimum 95% contact in wet areas (it may be necessary to back-butter the tile in order to meet this requirement) and minimum 80% contact in dry areas. Remove excess mortar from the joint areas so that at least 2/3 of the tile depth is available for grouting. Allow bond coat to cure. Force grout into the joints with a rubber grout float. Make sure all joints are well-compacted and free of voids and gaps. Remove excess grout from the tile surface and clean.

### LIMITATIONS

- Organic adhesives (as known as dispersion adhesives)– are not recommended for use in areas exposed to temperatures above 60°C. Type of organic adhesives to be recommended by the manufacturer.
- Organic adhesives Manufacturer's recommendations must be followed for use and suitability with non-absorbent tile and maximum tile dimensions.

### OTHER CONSIDERATIONS

- Heavy lug tiles are not recommended, but if used, to be set only with latex cement mortars.
- It is recommended to back butter stone or agglomerated stone in wet indoor or exterior installations.
- Special care to be taken when installing tile thicker than 13 mm to prevent slippage or debonding.
- Refer to Notes For The Professional and 301MJ-2019-2021.
- This system not to be used in wet or exterior areas such as showers, bath surrounds, steam rooms or exterior installations.

