

TILE INSTALLED OVER EXISTING TILE

323RW-2019-2021

INTERIOR WALLS ONLY

SUITABLE SUBSTRATES

- Existing tile on frame or masonry construction where existing tile is well bonded.

MATERIALS

- TILE
- GALVANIZED METAL LATH – 1,4 kg/m² (ASTM C847).
- MULTI-PURPOSE PRIMER (optional) – latex-based bond promoting primer
- BOND COAT – Dry-set mortar (minimum acceptable standard ANSI A118.1 or ISO 13007 C1), latex-Portland cement mortar (minimum acceptable standard ANSI A118.4 or ISO 13007 C2S1), modified epoxy emulsion mortars, 100% solids epoxy mortar, epoxy adhesive (minimum acceptable standard ANSI A118.3 or ISO 13007 R1), or organic adhesives (minimum acceptable standard ANSI A118.3 or ISO 13007 R1).
- GROUT – Portland cement, latex-Portland cement (minimum acceptable standard ANSI A118.6 or ISO 13007 CG1), or epoxy grouts (minimum acceptable standard ANSI A118.3 or ISO 13007 RG).

PREPARATION

- Remove soap scum, sealers, dirt or other contaminants from existing tile. Mechanically abrade surfaces of existing glazed tile with a carborundum disc or by other means. Rinse abraded surface to remove dust. Apply levelling material and reinforce joint between levelling materials and existing tile with 51 mm fibre mesh tape set in latex-Portland cement mortars.
- For non-glazed or textured surfaces use an appropriate stripper as recommended by manufacturer.

APPLICATION

- Apply tile using latex-Portland cement mortar, epoxy or organic adhesive ANSI A136.1 Type 1 only. Organic adhesives can be used for absorbent bisquet tile. Organic adhesives require complete evaporation of water in the adhesive in order to obtain cure and are not recommended for commercial use. Refer to 304W-2019-2021 for installations with organic adhesive and Detail 305W-2019-2021 for installations using latex-Portland cement mortars or dry-set mortars. Use sufficient bond coat to ensure minimum of 95% contact on wet areas (it may be necessary to back-butter the tile in order to meet this requirement).

LIMITATIONS

- Acid washing will not remove wax, sealers and oils.
- For commercial use a cementitious bonding material may be more suitable than organic adhesives to obtain a higher impact resistance and to improve bond strength.
- Consult maximum tile dimensions as per organic adhesive manufacturers's literature.

OTHER CONSIDERATIONS

- Install new tile so that grout joint is over transition point between levelling material and existing ceramic tile where possible.
- Refer to Notes For The Professional and 301MJ-2019-2021.
- For larger tile non sag mortars may be considered. Follow manufacturers recommendations
- Waterproofing membrane if required must be specified. (ANSI A118.10) Follow manufacturer's recommendations.

