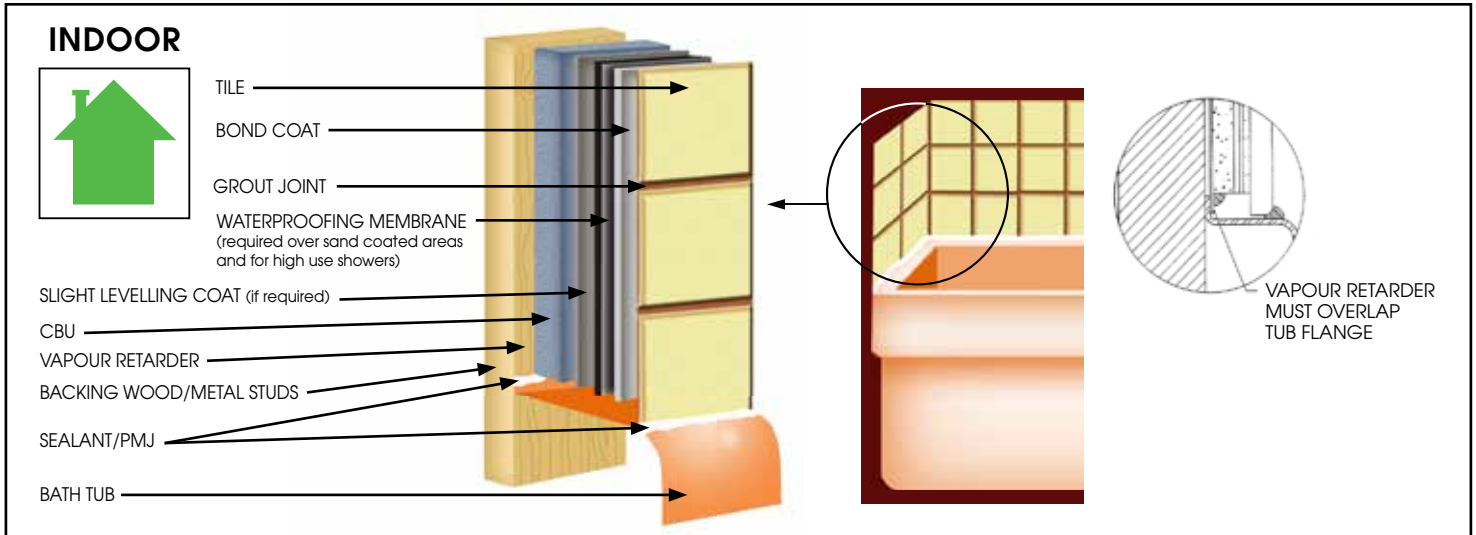


TILE INSTALLED OVER CEMENTITIOUS BACKER UNIT (CBU) ON BATH TUB/WALLS - THIN-SET METHOD (306W-2009/2010)

SUITABLE SUBSTRATES: Wood or metal studs, maximum 406 mm (16") o.c. .



MATERIALS

TILE: Ceramic, porcelain, mosaic, quarry, agglomerate, precast terrazzo, natural stone.

CEMENTITIOUS BACKER UNIT (CBU): Minimum 13 mm thick. (ANSI A188.9-1999 (2008)) or nominal 11 mm thick fibre-cement backer board meeting ASTM C1288-1999.

WATERPROOFING AND CRACK SUPPRESSION SYSTEM: Imper.

GROUT: POLY 800 Precision Water-Based Epoxy Grout, POLY 500 sanded or POLY 600 unsanded (must be sealed).

BOND COAT: Prolastic 6 500/8 500, Litefix, Megaflex, Multirapid, Multiflex or Flex GT-30.

SEALANT: Poly 400 caulking or prefabricated movement joint (PMJ).

SEALER: MicroXpel sealer if POLY 500 or POLY 600 is used/suitable sealer if natural stone is used.

APPLICATION

Surface variation in the backing not to exceed 6 mm in 3049 mm or 2 mm in 305 mm. Attach cementitious backer unit (CBU) to studs with corrosion resistant fasteners 152 mm o.c. Leave 3 mm space around perimeter of each board. Leave 6 mm space between bottom of tile and bath to allow for stud shrinkage and bath deflection during filling or emptying. All joints to be taped with 51 mm fibre-mesh tape. Fill with dry-set or latex mortar and sand. Apply bond coat to cement board using proper notched trowel. Use sufficient bond coat to ensure a minimum of 95% contact in wet areas and minimum of 80% contact in dry areas. Slide tile firmly into position before bond coat skins over. Allow bond coat to cure before grouting. Force grout into full depth of joint, remove excess grout and clean.

LIMITATIONS

- Manufacturer's recommendations to be followed. Exterior tile installations not to be attempted with a temperature of less than 12°C. Do not use paper-back mounted tile. Mesh-back mounted tile for exterior use or in locations of extreme moisture should not be used unless the manufacturer guarantees that the material is suitable for this type of installation.
- Manufacturer's recommendations must be followed.

OTHER CONSIDERATIONS

- This detail may be used with water-resistant gypsum board provided that a suitable waterproof membrane is installed over gypsum board prior to application. (ANSI A118.10-2008 (revised))
- Prefabricated movement joints (PMJ) may be used in place of sealant, where showing on drawings or where two planes meet.
- Refer to Notes For The Professional and 301MJ-2009/2010.
- For high use showers (hotels, gang showers, sports facilities, etc.) a waterproof membrane shall be used.
- All openings and cuts must be treated to ensure waterproof integrity.
- Waterproof membrane if required must be specified. (ANSI A118.10-1999) Follow manufacturer's recommendations.
- For deflective substrates fill tub with water prior to applying caulking to tub sill.