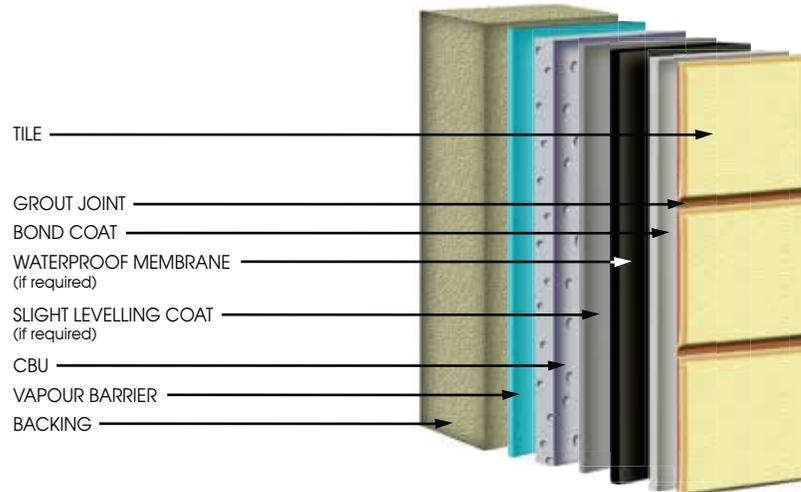


TILE INSTALLED ON CEMENTITIOUS BACKER UNIT (CBU) - THIN-SET METHOD/WALLS (305W-2009/2010)

AREAS EXPOSED TO MOISTURE OR DRY

SUITABLE SUBSTRATES: Wood studs for interior use only or metal studs maximum 406 mm (16") o.c.

INDOOR



MATERIALS

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

VAPOUR BARRIER: 6 mils (1/4") polyethylene film. Required in wet areas.

CEMENTITIOUS BACKER UNIT (CBU): Minimum 13 mm (1/2") thick meeting ANSI A118.9-1999 (2008) or nominal 11 mm (7/16") thick fibre-cement backer board meeting ASTM C-1288-1999.

SLIGHT LEVELLING COAT, IF REQUIRED: Prolastic 6 500/8 500, Litefix, Megaflex, Multirapid, Multiflex, 8 500, Ceraflex, Flex XL or Flex GT-30.

WATERPROOF MEMBRANE AND CRACK SUPPRESSION SYSTEM, IF REQUIRED: Imper.

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

GROUT: POLY 500 sanded, POLY 600 unsanded, POLY 800 Precision Water-based epoxy grout.

APPLICATION

Cementitious backer unit (CBU) must be stable, plumb, square and screwed to studs with corrosion resistant fasteners. Surface variation in the backing not to exceed 6 mm in 3049 mm (10') or 2 mm (1/16") in 305 mm (12"). Apply levelling coat if required. All joints must be taped with 51 mm (2") fibre-mesh tape, fill with a dry-set or latex mortar and sand. Apply thin-set bond coat to cement board surface using proper notched trowel to ensure adequate bond. Slide tile firmly into position while bond coat is wet and tacky. Use sufficient bond coat to ensure minimum 95% contact on wet areas and a minimum 80% on anterior dry surfaces. Force grout into full depth of joint, remove excess grout and clean.

LIMITATIONS

The Profix recommendations should be followed. Do not use tile mounted on a mesh back in or paper. Tiles mounted on a mesh of paper should not be used for installations in wet areas unless the tile manufacturer ensures that the material is suitable for this type of project.

OTHER CONSIDERATIONS

- Spacing and minimum gauge of steel studs as per instructions of manufacturer of cementitious backer unit (CBU).
- Imper Waterproofing membrane if required must be specified. (ANSI A118.10-2008) Follow PROFIX's recommendations.
- Special care must be taken when installing tile thicker than 13 mm (1/2") to prevent slippage or debonding.
- Refer to Notes For The Professional and 301MJ-2009/2010.
- For high use showers (hotels, gang showers, sports facilities, etc.), Imper Waterproofing Membrane and Crack Suppression System must be used. Refer to detail 319SR-2009/2010.
- Insulation and vapour barrier location to be specified by consultant.
- All openings and cuts must be treated to ensure waterproof integrity.