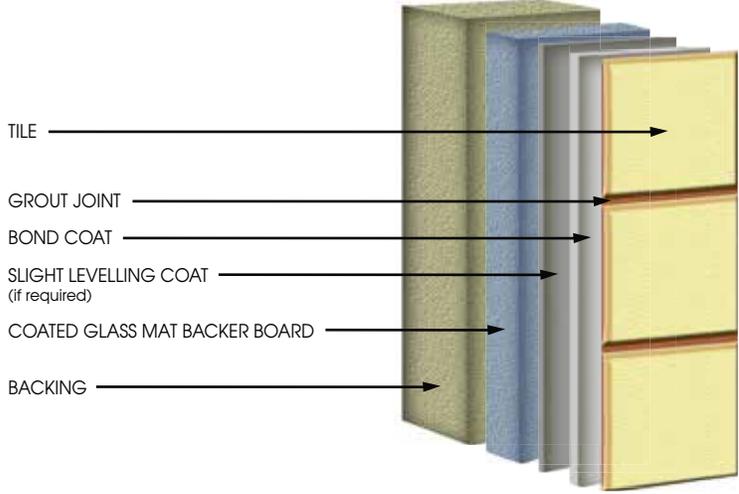


## TILE INSTALLED ON COATED GLASS MAT BACKER BOARD INTERIOR WET/DRY AREAS (305W-2009/2010)

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

**INDOOR**





**MATERIALS**

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

**COATED GLASS MAT BACKER BOARD:** Minimum 13 mm (1/2") thick (ASTM C1178/C1178M-08).

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

**BOND COAT:** Prolastic 6 500/8 500, Litifex, Megaflex, Multirapid, Multiflex, Ceraflex, Optiflex or Flex GT-30.

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

### APPLICATION

Attach coated glass mat backer board to studs with corrosion resistant fasteners and shall be spaced 152 mm (6") o.c. with coated grey side away from the studs. Drive fasteners flush with coated surface. Do not countersink. Surface variation in the backing not to exceed 6 mm (1/4") in 3049 mm (10') or 2 mm (1/16") in 305 mm (12") and can be applied either parallel or perpendicular to framing. Apply levelling coat if required. All joints must be taped with 51 mm (2") fibre-mesh tape, fill with 8 500 dry-set or better latex mortar. Do not sand coated glass mat backer board unless a Imper Waterproofing membrane is used after sanding. Apply thin-set bond coat to coated glass mat backer board using proper notched trowel to ensure adequate bond. Slide firmly into position while bond coat is wet and tacky. Force grout into full depth of tile joint. Remove excess grout and clean. Use sufficient bond coat to ensure 95% contact in wet areas and 80% contact on interior dry surfaces.

### LIMITATIONS

- Follow PROFIX's recommendations. Coated glass mat backer board not to be used where prolonged exposure to heat exceeds 52°C and not to be used for exterior unless recommended by the manufacturer. It is not recommended for use with passive solar heated systems. Maximum tile size is 356 mm (14") X 356 mm (14") X 10 mm (3/8") tick. Do not apply directly over concrete or masonry block.
- Do not use paper back, mesh back or dot mounted tile in wet areas unless the manufacturer guarantees that the material is suitable for this type of installation.

### OTHER CONSIDERATIONS

- Movement joints, spacing and minimum gauge of steel studs as per manufacturer's instructions of coated glass mat backer board.
- All openings and cuts must be treated to ensure waterproof integrity.
- Refer to Notes For The Professional and 301MJ-2009/2010.
- A waterproof membrane or vapour barrier not to be used behind coated glass mat backer board.
- For high use showers (hotels, gang showers, sports facilities, etc) a PROFIX Imper Waterproofing Membrane and Crack Suppression System shall be used. Refer to Detail 319SR-2009/2010.
- Do not apply coated glass mat backer board over a vapour barrier or waterproof membrane.
- Verify with PROFIX technical assistance the correct cure time for Latex-Portland cement mortar (ANSI A118.4-1999), to reduce the curing time required, a rapid set mortar may be more suitable.