
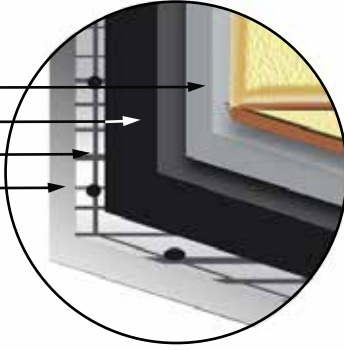

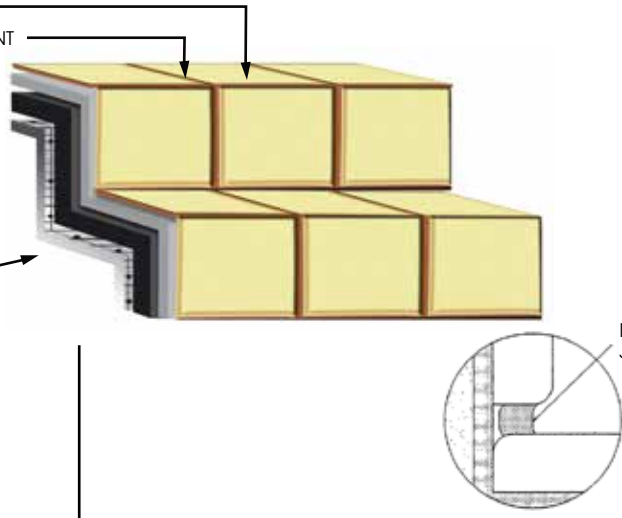


## TILE INSTALLED ON INTERIOR/EXTERIOR STEEL STAIRS (318S-2009/2010)

**SUITABLE SUBSTRATES:** Metal lath fastened to metal stair on steel treads and risers by tie wires or spot welded by steel fabricator. Application as per detail 308W-2009/2010 but omit cleavage membrane or vapour barrier.

<p style="text-align: center;"><b>INDOOR</b></p> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div>	<p style="text-align: center;"><b>OUTDOOR</b></p> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div>
<p><b>MATERIALS</b></p> <p><b>TILE:</b> Ceramic, porcelain, mosaic, quarry, agglomerate, precast terrazzo, natural stone.</p> <p><b>METAL LATH:</b> 1.4 kg/m<sub>2</sub> (ASTM C847-96)</p> <p><b>MORTAR BED:</b> (20 mm - 3/4" minimum) See Tile Guide Specification Section Mixes 2.5.3.</p> <p><b>BOND COAT:</b> Prolastic 6 500/8 500, Litefix, Megaflex, Multiflex, Multirapid, Optiflex.</p> <p><b>GROUT:</b> POLY 800 Precision Water-Based Epoxy Grout, POLY 500 sanded grout or POLY 600 unsanded grout.</p> <p><b>MOVEMENT JOINT:</b> POLY 400U or POLY 400S.</p>	<p><b>MATERIALS</b></p> <p><b>TILE:</b> Ceramic, porcelain, mosaic, quarry, agglomerate, precast terrazzo, natural stone (frost resistant).</p> <p><b>METAL LATH:</b> 1.4 kg/m<sub>2</sub> (ASTM C847-96)</p> <p><b>MORTAR BED:</b> (20 mm - 3/4" minimum) See Tile Guide Specification Section Mixes 2.5.3.</p> <p><b>BOND COAT:</b> Prolastic 6 500/8 500, Litefix, Megaflex, Optiflex or Multirapid.</p> <p><b>GROUT:</b> POLY 500 sanded mixed with 9022 latex additive.</p> <p><b>MOVEMENT JOINT:</b> POLY 400U.</p>

### LIMITATIONS

Organic adhesives are not acceptable for these applications.

### OTHER CONSIDERATIONS

- For easy maintenance, use cove base tile or cove movement profile at junction of riser and tread. On exterior stairs, a slight slope on treads is preferred to provide drainage. Provide tactile surface prior to stairs where required for visually handicapped. Where required, use a 51 mm (2") strip of contrasting colour at edge of first and last step.
- Precast terrazzo and natural stone tile may be used providing that slip resistant properties are acceptable.
- Mortar bed may be installed over fresh scratch coat.
- Prefabricated stair nosings or carborundum inserts should be used for increased safety precautions.
- Tile used in exterior applications must be frost resistant.
- To minimize the potential for cracking use a sealant or prefabricated movement joint at the junction between the riser and tread.
- For exterior applications, a waterproof membrane is recommended. Follow PROFIX's recommendations (ANSI A118.10-1999).
- Treads and risers must have uniform rise and run in any one flight.
- Refer to Notes For The Professional and 301MJ-2009/2010.