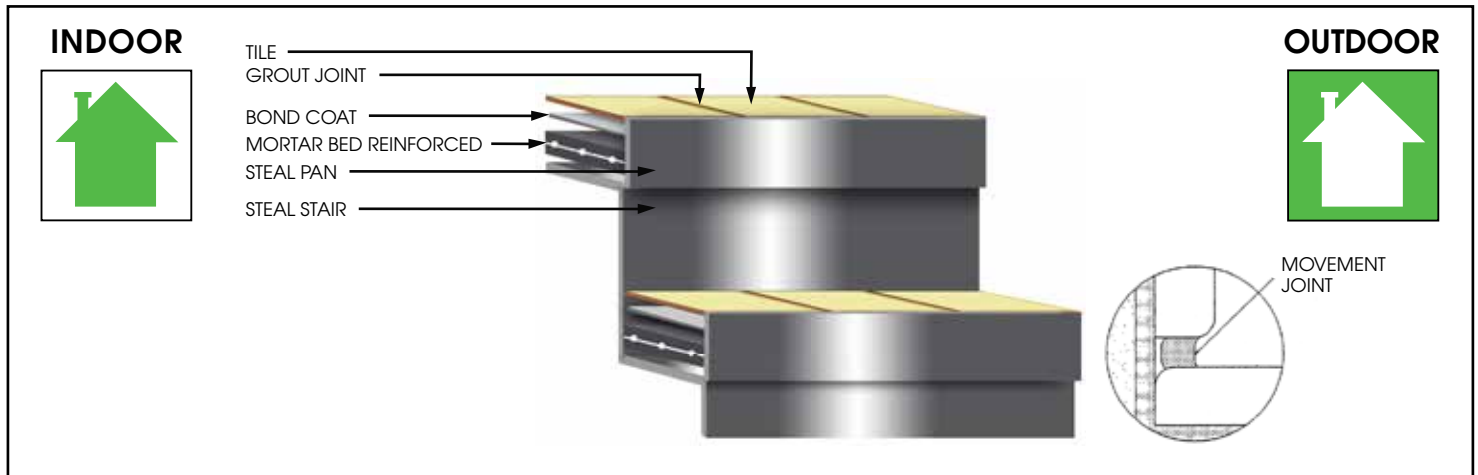


## TILE INSTALLED ON INTERIOR/EXTERIOR STAIRS STEEL PAN

(318S-2009/2010)

**SUITABLE SUBSTRATES:** Steel rod and reinforcing mesh approximately 13 mm above pan bottom. Application as per detail 309F-2009/2010 but omit cleavage membrane or vapour barrier.



### MATERIALS

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

**REINFORCING MESH:** 51 mm (2") X 51 mm (2") X 1.6 mm. Welded wire/fabric (galvanized square wire mesh) (ASTM A82, ASTM A185-07).

**BOND COAT:** Prolastic 6 500/8 500, Litefix, Megaflex, Multirapid, Multiflex, Optiflex.

**GROUT:** POLY 500 sanded mixed with Latex 9022 for extra strenght and outside use, or POLY 800 Precision Water-Based Epoxy for indoor.

### LIMITATIONS

- Organic adhesives are not acceptable for these applications.
- Curing time must be prolonged.

### 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.
- 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.