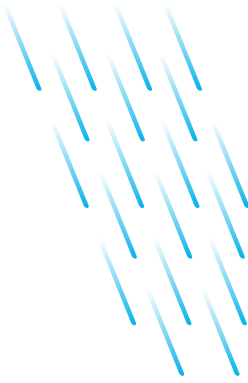


POTENTIAL CAUSES AND EFFECTS OF EXTERNAL INFLUENCES ON CONCRETE

CAUSES

efflorescence



driving rain

splashing water



rising damp



EFFECTS

spalling

corrosion of concrete reinforcements

cracking

flaking paint

surface soiling

fouling by algae, lichens and fungi



Potential damage – cracking, spalling, efflorescence, biological fouling by algae, lichens and fungi, corrosion of concrete reinforcements, deteriorated insulation of exterior walls, surface soiling and flaking paint.