

### TECHNOBUILD PCI 200 Benefits (Admixture)

PCI 200 offers engineers, owners, contractors, DOTs and government agencies a time-proven corrosion inhibiting technology that will extend the life of all reinforced concrete structures.

- Protects against the harmful effects of corrosion in different types of concrete
- Required dosage is not affected by the chloride concentration
- Does not contain calcium nitrite or chromate
- Non-hazardous and non-toxic
- Safe and environmentally friendly
- Technology is lab and field proven
- Concentrated for cost effectiveness on all projects
- Protects both anodic and cathodic areas
- Will migrate to adjacent areas to protect metals

### TECHNOBUILD PCI 220 Benefits (Coating)

PCI 220 offer engineers, owners, contractors, DOTs, and other government agencies a time proven, corrosion inhibiting technology that will extend the service life of their reinforced concrete structures.

- Protects against corrosion caused by carbonation, chlorides, and other aggressive contaminants
- Effectively reduces corrosion rates on metals with existing corrosion
- Non Toxic for structures containing potable water
- Water based and non-flammable
- Does not etch, stain, discolour, or otherwise harm glass, metals, or automotive paint
- Does not require removal of sound concrete
- Allows vapour diffusion (not a vapour barrier)
- Easily applied by spray, brush, or roller
- Minimal curing time, traffic may resume minutes after application if necessary (dry to touch)
- Migrates independent of orientation (horizontal, vertical, overhead)
- Migrates up to 3 inches in 30 days

### Applications

Here are some of the places where TECHNOBUILD PCI can be used

- All reinforced, precast, pre-stressed, post-tensioned or marine concrete structures
- Steel-reinforced concrete bridges, highways and streets exposed to corrosive environments (carbonation, salts and atmospheric attack)
- Parking decks, ramps and garages and concrete dock structures
- Concrete piers, piles, pillars, pipes and utility poles
- All reinforced marine concrete structures
- Restoration and repair of all reinforced concrete commercial and civil engineered structures
- Can be added either to the water or powder on-site for shotcreting applications
- Can be added into a manufacturer's repair mortar formulation to enhance its corrosion protection ability
- Can be used for potable water applications
- RCC structures exposed to corrosive environments
- Chlorinating plants, sewerage systems
- Building facades and balconies
- Preventative maintenance of existing reinforced, precast, pre-stressed, post-tensioned, or marine concrete structures



PCI 200 additive in sprayed mortar



PCI 200 additive in polymer mortar



PCI 220 coating on RCC