Coatings for Protection of RCC

TECKCRYL 300 and 400

TECKCRYL 300 is a one part polymer modified cement based waterproof coating comprising of special cement based components and admixtures. When mixed with water a slurry or mortar material is produced for direct application to a variety of construction substrates.

TECKCRYL 400 is a two part system which consists of hydraulic cement, active chemicals, selected and well-graded sand and plasticizers, formulated with specially selected and graded fine quartz and high quality polymer to create brush-able, smooth slurry with excellent bond and adhesion to most substrates.

Benefits

- Low odour compared to bitumen coatings
- Easy to use and apply
- BBA approved
- Just add water
- Brush, trowel or spray applied
- Easy and fast mixing
- Consistency can be varied to suit application method
- Good adhesion
- Excellent workability
- Protects against water penetration
- Non toxic
- Conforms to Indian Standards as a polymer-cement based waterproof coating for Type A shallow basement structures

Applications

Extend the lifespan of aging concrete infrastructure such as hydroelectric facilities and transportation structures. Restore and protect aging concrete buildings such as churches, mosques, and any other concrete or mortar rendered finish.

- Waterproof coating for tanking residential/ domestic basements
- Thin layer mortar or slurry coating/lining
- For internal waterproofing/damp-proofing of basement and cellar walls and floors
- For interior and exterior damp-proofing of basement walls in new buildings
- For interior and exterior waterproofing of concrete, renders, brickwork and block work
- Lining of water tanks, pools, planters

TECKCRYL 300/400 was developed in conjunction with College of Military Engineering, Pune, India during the repair and restoration of the CTW, which includes plaster repair and waterproofing.

"The TECKCRYL 400 system is a cost effective way to extend the life of concrete that is showing signs of deterioration due to continual ingress of water"

– Jaya, MES (CME Pune, India)