

Bonding Agents

Bond coats can help prevent damage by strengthening the bond between the layers to ensure strong adhesion. Aside from new projects, bond coats (polymer modified or not) are especially useful for repair work where the older concrete is still structurally sound and worth preserving.

TECKCRYL 100

TECKCRYL 100 is a structured nano-particle acrylic polymer for hard penetrative primer applications. This 100% acrylic polymer modified with organosilicate features excellent hardness and improved adhesion and is thoroughly tested in varied conditions. This technology uses the penetrative feature of the nano polymer size provides outstanding moisture block resistance and exceptional film adhesion at no or low VOC.

Benefits

- More overlay or mortar application time: Enables to place the concrete up to 6 hrs after applying TECKCRYL 100, without risk of delamination
- High bond strength : Bond strength is as good as good quality concrete
- Barrier coat: Acts as a 'barrier coat' to the migration of chloride ions from host concrete.
- Non toxic
- Adhesion - Excellent adhesion to almost all building materials.
- Excellent concrete penetrative feature
- Low VOC capable from 0-50 g/L
- Excellent adhesion to cementitious overlays
- Excellent wet adhesion
- Low odour

Applications

TECKCRYL 100 is added to water as primer or additionally then mixed with cement and sand/aggregate to produce

- Bond coat/slurry.
- Primer for pourable micro concrete.
- Renders.
- Screeds with enhanced mechanical properties.



TECKCRYL 100 with cement



TECKCRYL 100 diluted with water



TECKCRYL 100 as sealer