

MC-Color T 21

NEW



High-Performance 1 comp. Tunnel Coating

Surface protection systems for tunnel liners have to meet the highest requirements in terms of brightness, gloss behaviour and light reflectance. Low susceptibility to soiling and ease of cleaning are also among the exacting demands specified. Until now, these properties could only be achieved with 2-component (2C) systems based on reaction resins.

MC-Color T 21 with 3D technology

Thanks to its novel, highly cross-linked 3D binder technology, MC-Color T 21 delivers the performance of a two-component reaction resin. It also offers all the advantages of a 1C product for environmentally friendly, fast and cost-effective application.

- More safety and sustainability with 1C technology
- Simple and quick to use
- Time and cost saving
- Can be reworked without roughening the surface
- No mixing errors

Innovative binder technology

The interaction of the binder components during curing produces a very hard, dirt-repellent and abrasion-resistant surface that is easy to clean. It also ensures a particularly high gloss level and optimum light reflectance.

EXPERTISE
SURFACE PROTECTION

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MC-Color T 21



Greater efficiency, environmental protection and occupational safety

- No mixing of separate components
- No additional decanting, repotting or restirring
- No container processing time
- Simpler site logistics
- Roll-on and spray application
- No hazardous hardeners
- No explosion risk
- Equipment cleaning with water
- Environmentally friendly

Water-based single-component (1C) polymer dispersions have been successfully used for many years as approved surface protection systems for the repair of reinforced concrete structures. The novel binder technology of MC-Color T 21 ensures that all the advantages of a modern 1C product are now also available for the high demanding function of tunnel coatings. The system has been tested and approved according to the regulatory framework of Switzerland's Federal Roads Authority (ASTRA), the Tunnel Coating Code of Practice of the Austrian Concrete Association (ÖBV), and Germany's code of practice BAST ZTV-ING, Part 5 Tunnel Construction.

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