



CONCRETE COATINGS

Anticarb Pro Clear

Scope

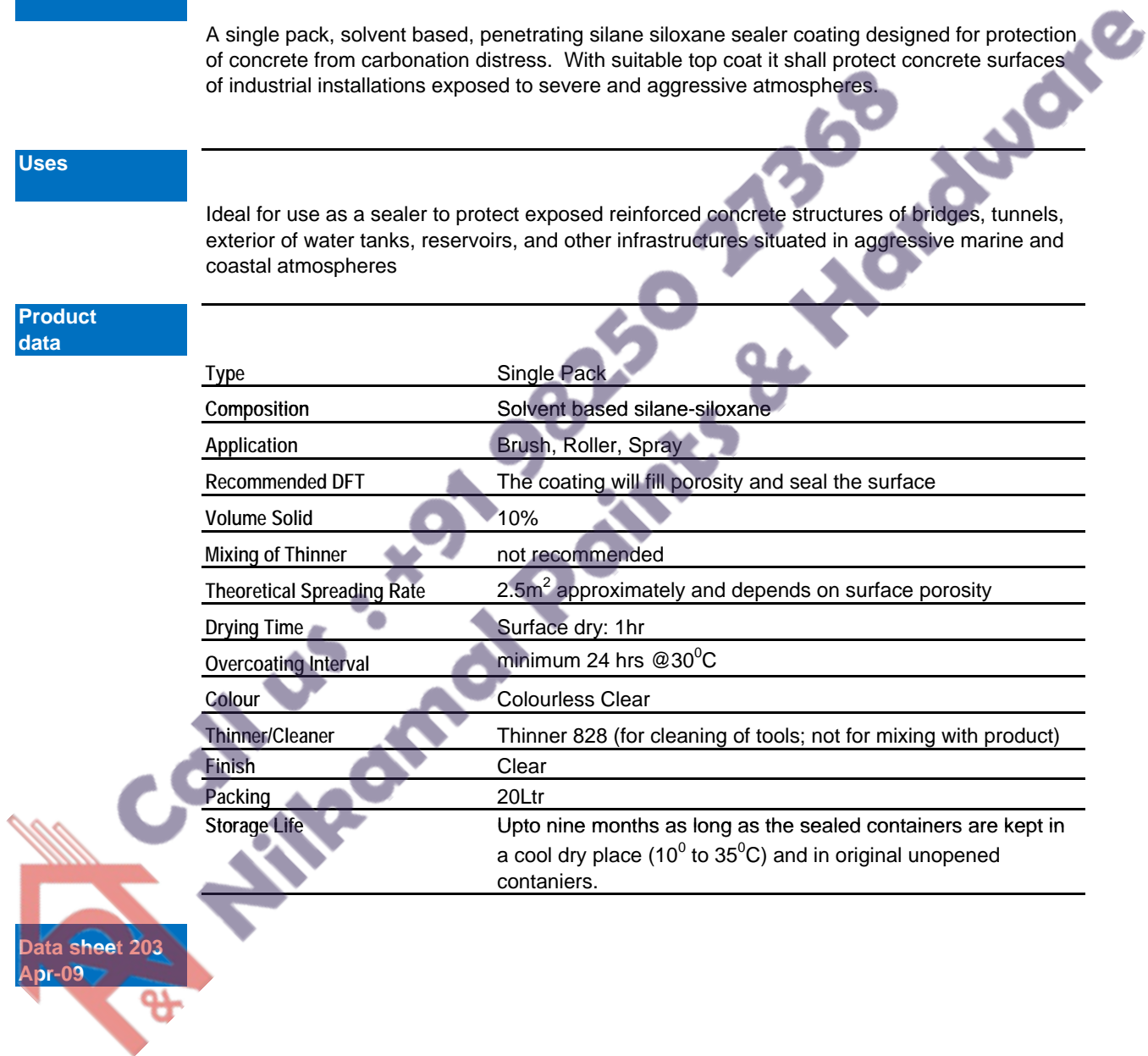
A single pack, solvent based, penetrating silane siloxane sealer coating designed for protection of concrete from carbonation distress. With suitable top coat it shall protect concrete surfaces of industrial installations exposed to severe and aggressive atmospheres.

Uses

Ideal for use as a sealer to protect exposed reinforced concrete structures of bridges, tunnels, exterior of water tanks, reservoirs, and other infrastructures situated in aggressive marine and coastal atmospheres

Product data

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | Single Pack |
| Composition | Solvent based silane-siloxane |
| Application | Brush, Roller, Spray |
| Recommended DFT | The coating will fill porosity and seal the surface |
| Volume Solid | 10% |
| Mixing of Thinner | not recommended |
| Theoretical Spreading Rate | 2.5m ² approximately and depends on surface porosity |
| Drying Time | Surface dry: 1hr |
| Overcoating Interval | minimum 24 hrs @30 ⁰ C |
| Colour | Colourless Clear |
| Thinner/Cleaner | Thinner 828 (for cleaning of tools; not for mixing with product) |
| Finish | Clear |
| Packing | 20Ltr |
| Storage Life | Upto nine months as long as the sealed containers are kept in a cool dry place (10 ⁰ to 35 ⁰ C) and in original unopened containers. |



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Substrate preparation

Concrete substrate must be fully cured, dry, sound and clean. It shall be free from other contaminants, such as curing compounds, sealers, oil, grease, dust, salts etc. The guideline standards for preparation of concrete is as per SSPC SP 13; Cleaning with required tools to free from contaminants, laitance, loosely adhering concrete, dust by mechanical, chemical and or thermal methods.

Weak concrete must be removed. All voids, dents are to be repaired. All cracks, dents and voids depending on the size and depth should be filled suitably with putty or mortar after priming. Spot priming should be done after repair.

Application guidelines

Substrate temperature should be between 15⁰-35⁰C. Relative humidity during application should not be more than 80%. Substrate moisture content should be lower than 5%. The contents should be agitated with a slow speed stirrer to obtain a homogeneous mix. No thinning has to be done for application of primer. Application is suggested by hand brush to ensure better penetration into concrete. For highly absorbant surface a second coat of primer may be required; consult Berger technical team.

Precautions

Ensure substrate free of contaminants and solvents after surface preparation. As a general precaution forced ventillation should be provided when applying coating in confined spaces. Inhalation of solvent vapours, or coating mist and contact with skin or eyes should be avoided. Safety precautions as with any epoxy compounds should be adhered. Refer MSDS and health and safety guidelines.

Painting Systems

| Product | Coat | Thickness |
|----------------------|------|---------------------|
| Anticarb Pro Clear | one | 10- 15 microns |
| Anticarb Pro Coating | two | 75 microns per coat |

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user of the data contained herein. It is the users' responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

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