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TFT Epoxies (UK) Limited

Epoxy Polymer Coatings For Industrial & Underwater Use

Product Information

| Application | Click Below for Product Data Sheet | Description | Relevant Case Histories |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Solvent Free Flooring System, VAT & VCT Encapsulation, Concrete, Steel | BIO-FLOR 182 (Click here for Vinyl Chip Colour Chart) (Click here for Vinyl Chip Installation Procedure) | BIO-FLOR 182 is a versatile seamless flooring system able to produce attractive and extremely long wearing surfaces for applications ranging from cafeterias to chemical loading docks. BIO-FLOR 182 has virtually no odour during application, which makes it ideal for schools, hospitals, and other situations where odour is not tolerated. | 27 35 37 39 42 48 |
| Repair Compound for Impact & Abrasion Resistance | BIO-DECK 190 | BIO-DECK 190 was custom formulated for Towveyor® track wear surfaces. Outlasts conventional steel or iron reinforced cementitious wear surfaces at least three to one. BIO-DECK 190 cures for service within 4 hours. | 28 33 33a |
| General Purpose Reinforcing & Mortar Resin | BIO-SEAL 192 | BIO-SEAL 192 is a water tolerant, medium viscosity, general purpose epoxy resin for sealing, GRP and epoxy mortar preparation. It ships □Non-Hazmat□ and has no odour during use. | |
| Penetrating & Reinforcing Epoxy Sealer | BIO-SEAL 197 | BIO-SEAL 197 is a lower viscosity version of BIO-SEAL 192 and is intended for sealing and penetration of porous surfaces as well as for epoxy mortar preparation. | |
| High Gloss 100% Solids Epoxy Heavy Duty Protection | BIO-DUR 251 | BIO-DUR 251 is a hard, durable and extremely chemical resistant, high gloss coating. It is an excellent coating for Wastewater and Pulp & Paper applications where moisture tolerance during application and curing is required. BIO-DUR 251 passed nuclear DBA testing for Service Level 1 use. | 38 |
| Solvent Free & Lead Free Safety Stripe System | BIO-DUR 254 | BIO-DUR 254 is extremely safe and durable safety striping for demanding locations. Lead and chromium-free, its 100% solids formulation is designed for extreme service in material handling facilities, loading docks and similar areas. | |

High performance products for brutal conditions

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| <p>Heavy-Duty Moisture-Tolerant Anticorrosive Coating</p> | <p>BIO-DUR 257</p> | <p>A completely water tolerant barrier coating, BIO-DUR 257 is designed to provide excellent corrosion protection to steel and concrete under adverse application conditions. It adheres extremely well to wet steel and concrete, has no odour during application, and is ideal for poorly ventilated areas such as bilges or void spaces.</p> |
| <p>Heavy-Duty "Winterised" Moisture-Tolerant Anticorrosive Coating</p> | <p>BIO-DUR 257-UK</p> | <p>BIO-DUR 257-UK is a "winterised" version of BIO-DUR 257 that has been catalyzed to allow applications under cold conditions at temperatures of 4.5°C. (40°F.) or above.</p> |
| <p>Heavy-Duty Chemical Resistant Epoxy</p> | <p>BIO-DUR 258</p> | <p>Kevlar® reinforced, brushable or rollable, BIO-DUR 258 is a completely water tolerant coating with outstanding all around chemical resistance. A two-coat system with BIO-DUR 251 as a glossy topcoat, it is ideal for concrete coating in Wastewater facilities.</p> |
| <p>High Performance, High Heat Resistant Lining</p> | <p>BIO-CHEM 330</p> | <p>Designed for tank lining and down-hole oilfield applications under aggressive conditions, BIO-CHEM 330 is a 1/1 ratio epoxy with excellent early resistance to a wide range of chemicals and down-hole service to 120°F.</p> |
| <p>Non-hazardous, Latex-based Fire Protection Coating</p> | <p>FIRE-NOT 451</p> | <p>FIRE-NOT 451, a proprietary blend of synthetic polymer latex and non-hazardous active ingredients, responds to flame and high heat by swelling into a thick, thermal insulating covering which seals the substrate from damage. When activated by damaging heat, it swells to almost 50 times its original thickness becoming a fireproof blanket over sheetrock, wood or almost any other construction surface.</p> |
| <p>Solvent-Free Epoxy Concrete Repair Compound</p> | <p>BIO-CRETE 451</p> | <p>BIO-CRETE 451 is a Kevlar® reinforced, very quick cure, repair mortar designed for military runway remediation. Kevlar® fibers provide toughness to minimize the possibility of "FOD" or foreign object damage after severe impact.</p> |
| <p>Heavy-Duty Protection for Application Above or Below Water</p> | <p>BIO-DUR 560</p> | <p>BIO-DUR 560 is a lower viscosity version of BIO-DUR 561 designed for application either by heated, 1/1 ratio plural spray or by brush/spreader. It is completely water tolerant and applies underwater with ease to concrete or steel. BIO-DUR 560 is Kevlar® reinforced, solvent-free and extremely chemical resistant.</p> |
| <p>The original and best, spreadable underwater repair epoxy, BIO-DUR 561 is applied by straight-edged spreader to</p> | | |

**High Build
Heavy-Duty
Protection**
for Application
Above or Below
Water

[BIO-DUR 561](#)

steel or concrete above or below water and the ☐Nuclear☐ version is approved for use in Service Level 1 applications above or below water.

BIO-DUR 561 has extremely wide chemical resistance and is ideal for applications in Wastewater, Pulp and Paper, and Chemical industries with severe chemical exposures. It is also an excellent coating for Splash Zone and Risers on offshore equipment.

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**Heavy-Duty
Protection**
Designed
Expressly
for Wet Service

[BIO-DUR 560SW](#)

[BIO-DUR 561SW](#)

These are modifications of the original BIO-DUR 560 and BIO-DUR 561. The "SW" versions are particularly easy to apply - especially on cathodically protected underwater surfaces.

**"5-Minute"
Repairs**
Above or Below
Water

[BIO-FIX 999](#)

BIO-FIX 999 is a unique adhesive that can be applied above or below water to stick or repair steel, PVC, GRP, aluminum etc. under adverse conditions. Use it with fiberglass cloth or tape to make ☐5-minute☐ repairs to pipes, boat hulls etc. It ships ☐Non-Hazmat☐

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