

# DUROMAX HIGH PERFORMANCE PROTECTIVE COATINGS

## ANTI - CORROSION

### 1. DUROMAX SEALERKOTE 100

Based on two part epoxy and high performing additives, Solvent less transparent **DUROMAX SEALERKOTE 100** offers high quality, tough, semi flexible coating possesses excellent adhesion and bonds strongly to suitably prepared metal, wood and concrete surfaces. Suitable for sealing and as primer coat prior to final coat. Suitable for atmosphere where moisture, hydrocarbons, oils, alkalis and acids and fine particles are encountered. HDT [heat deflection temperature]: 65°C.

Solvent version available as **DUROMAX SEALERKOTE 200**.

**Applications:** Tanks, steel and concrete structures, pipelines, valves, water and sewage treatment plants etc.

### 2. DUROMAX COROKOTE 501

Based on two part epoxy and high performing additives, **DUROMAX COROKOTE 501** offers high quality, tough, semi flexible coating possesses excellent chemical resistance, ultra violet stability and bonds strongly to suitably prepared metal, wood and concrete surfaces. Suitable for atmosphere where moisture, hydrocarbons, oils, alkalis and acids, fine particles are encountered.

HDT [heat deflection temperature]: 65°C. Also available **DUROMAX COROKOTE 501PU** for Exterior Top Coat.

**Applications:** Outer side Tanks, steel and concrete structures, pipelines, valves, water and sewage treatment plants etc.

### 3. DUROMAX CHEMKOTE 601

Based on high performance Resin Technology with high cross linking density, Solvent less **DUROMAX CHEMKOTE 601** coating is designed to meet the highest standards of chemical resistance and corrosion, erosion and abrasion protection achievable. Excellent barrier coating tank inner lining. Suited to treatment of steel, concrete and brick in applications where acids alkalis, organic Solvents and aggressive process chemicals are encountered. HDT [heat deflection temperature]: 75-80°C

**Applications:** Tanks and vessels, pipelines and valves, scrubbers, acids sumps and drains, acid proof roofing, acid bunds steelwork and concrete coating etc.

### 4. DUROMAX THERMOKOTE 701

Solvent less, high build epoxy protective coating possessing excellent heat resistance properties under ambient cure condition. Cures into a tough, semi-flexible coating with good chemical resistance and ultra violet stability. HDT [heat deflection temperature]: 100°C.

**Applications:** Heat Exchangers, Condensers, hot water systems, cooling tower etc.

### 5. DUROMAX THERMOKOTE 702

Solvent less, high build epoxy protective coating possessing exceptional heat resistance properties in combination with excellent chemical resistance under ambient cure conditions. HDT improves with Heat Cure. HDT [heat deflection temperature]: 125°C.

**Applications:** Hot process digesters condensers, Exhaust vapors and hot water systems etc.

## ANTI ABRASION

### 6. DUROMAX ABRAKOTE 801

Solvent less high adhesion, low co-efficient of friction, high abrasion resistance epoxy putty offers broad spectrum service against abrasion, corrosion and chemical attack. Carefully pre-determined blend of ceramic particles is used to achieve the greatest packing density possible to maximize ceramic surface area exposed. **DUROMAX ABRAKOTE 801** is thus designed for service in situations where finer particle abrasion essentially in a sliding mode or with a shallow angle of impact are encountered [generally mineral sands <1mm dia particle size

**Applications:** pumps, impellers, agitators, reclaim buckets, trammel shells, crusher over flows, dredging pumps and bowls etc.

### 7. DUROMAX SUPER PUTTY

High adhesion, machinable Putty offers broad spectrum service against pitting and galling, corrosion and chemical attack. Carefully pre-determined blend of fillers is used to achieve the good packing density with machinability. Temp Resistance up to 75°C.

**DUROMAX SUPER PUTTY FC** for fast cure and **DUROMAX SUPER PUTTY HT** for temp up to 150°C is also available.

**Applications:** Pumps, Keyways, Bearing Areas, End Covers etc.

### 8. DUROMAX WEAR RESISTANT PUTTY

High adhesion, high abrasion, moderate impact wear resistance Putty offers broad spectrum service against abrasion, corrosion and chemical attack. Carefully pre-determined blend of fillers is used to achieve the good packing density with machinability. Temp Resistance up to 80°C.

**Applications:** Pumps, slurry lines, screens, baffle boxes, reclaim buckets, trammel shells, crusher over flows, dredging pumps and bow etc.

### 9. DUROMAX CERAKOTE 101/ DUROMAX CERAKOTE 101HT

Solvent free tough composite epoxy resin base with fine graded ceramic particles of extreme hardness and abrasion resistance. Superior adhesive strength, high corrosion resistance and excellent mechanical properties. Higher fine particle ceramic content offers smooth surface, therefore significantly better performance. HDT {heat deflection temperature}:. HDT of **DUROMAX CERAKOTE 101HT**: 125°C continuous and 175 °C intermittent.

**Application:** Chutes and bins, pipe elbows, valves, pumps, ID and FD Fans etc.

## FLOORING

### 10. DUROMAX FLOORKOTE 201

Solvent less epoxy system designed to meet the highest standards of colour retention, chalk resistance and abrasion resistance for coating of steel, timber and concrete. Can be laid down both as a smooth coating, as well as a non-slip finish. Excellent u.v. stability and chemical resistance. Trafficable in 24 hours. Also available **DUROMAX CHEMFLOOR 202** for high chemical resistant flooring.

**Application:** Vehicle workshops, Sugar, pharma and food processing facilities, go downs, warehouse flooring

### 11. DUROMAX SUPER FLOORKOTE 301

Provides a hard wearing, hygienic, chemical resistant finish. May be laid as a traditional high glaze finish or with the inclusion of coarse aggregate to provide a profiled trafficable surface with non-skid properties. Trafficable in 24 hours. Broad spectrum chemical resistance and u.v. stability.

**Application:** Clean rooms, food and sugar industries, show room, amenity blocks.

### 12. DUROMAX EPOXYGROUT 401

Solvent less resin developed for use in casting application where a tough infusible material possessing excellent mechanical properties is required. Low comparative exothermal – negligible contraction. Non-shrinking. High early strength achievement minimal downtime. Can be bulked with a suitable aggregate to reduce exothermal nature. Used as concrete adhesive also.

**Application:** Crusher backing. Equipment chocking, concrete repairs, machine bedding and grouting.

### 13. DUROMAX CONCRETE ADHESIVE 402

Polymer developed specially as Concrete adhesive for old and new Concrete. Negligible contraction.

### 14. DUROMAX FLOORPATCH 403

Composite developed specially for Floor Patching, Gap Filling in Concrete Floors and structures. Negligible contraction.

## ADHESIVES

### 15. DUROMAX METAL ADHESIVE A01

Adhesive Specially suitable for all Ferrous and nonferrous Metals. High Strength Adhesion. Tolerance to trace amount of oil on metal surfaces.

### 16. DUROMAX UNDER WATER ADHESIVE A02

Adhesive specially suitable for under water applications.

## CLEANERS

### 17. DUROMAX GP CLEAN 001

Detergent based high foaming, concentrated general purpose cleaner and degreaser. Can be diluted with water to 1:10 to 1:100 solution, depending on severity of application making it an economical replacement of Diesel and Kerosene oil.

### 18. DUROMAX RUST CLEAN 002

Highly concentrated rust remover. Can be diluted with water to 1:10 to 1:100 solution, depending on severity of application making it very economical.

### 19. DUROMAX PAINT REMOVER 003

Concentrated paint remover. Can be diluted with water to 1:10 to 1:20 solution, depending on severity of application, making it economical in use.

### 20. DUROMAX THINNER 004

A high efficiency, Thinner for Duromax Products.