

ENGINEERING MATERIALS

Flooring | Protective Coating
Wall Coating | Structural Repairs
Adhesive Sealant | Cookware Coating

▶ End to end specialty chemical solutions for industries other than electrical + electronics component

▶ Proven track record for satisfied customers > 3 decades
▶ Expanding portfolio to cater to varied market demands

▶ Best team in the industry with global product, application, service & market knowledge
▶ Efficient, safe and modern plants leading to supply reliability

We offer enamels, varnishes, resins systems through our different business lines

Wire Enamels



- Wire enamels for the primary insulation of magnet wire
- Magnet wire is applied in electric motors, generators and transformers

Electricals



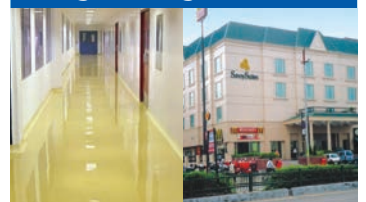
- Consolidation of magnet wire in electrical machine through insulating varnishes & resins.
- Applied through various application techniques (dip, roll-dip, hot-dip, trickle, VPI etc.)

Electronics



- Resin systems for the overall protection of electronic circuits and electric devices
- Resin systems with specific functionalities in electronic components/assemblies

Engineering Materials



- Total solution from Functional flooring to specialty coatings such as cookware, doming compound, water filter adhesive.
- Polyamide hardeners for varied industrial uses

Engineering Materials- Product Selection Guide

Usage	Trade designation	Distinctive Properties
EPOXY BASED INDUSTRIAL FLOORING SYSTEMS		
Primer coat	BeckBond® EP 17	Primer for concrete with excellent crack bridging, penetration and adhesion properties
Self Smoothing Screed	Dobeckot® 5022 + Hardener EH 460 + Silica Powder	Easy to clean, excellent chemical & abrasion resistance. Builds thickness to cover floor undulations, medium duty, jointless
Top Coat	BeckBond® SLF 36	Self-leveling flooring, easy to clean, excellent chemical and abrasion resistance, Anti-bacterial, monolithic
	BeckBond® SLF 36 EI	High electrical strength Flooring
	BeckBond® SLF 36 AS / ESD	Nano Technology based Antistatic / Electrostatic Dissipative flooring, Volume resistivity (10 ⁴ - 10 ⁹ Ω)
	BeckBond® SLF 36 CS	Multicolored, textured, self-leveling flooring
	EPC 36	2K coating system (300 micron) Abrasion resistant. Available in various shades
POLYURETHANE BASED INDUSTRIAL FLOORING SYSTEMS		
Scratch coat	ELAN-Crete	Cementitious PU concrete system with excellent wear resistance and mechanical properties
Top Coat		
Car Deck Flooring	ELAN-Deck	4K system with excellent crack bridging, wear resistance and mechanical properties exclusive for car parking
Finish Coat	BeckBond® PU 90	Water based 2K scratch resistant coating with matt finish
	PUC 90	Corrosion resistant, UV resistant, color stability and chemical resistance for steel structures, pipelines, concrete surfaces, line demarcation
EPOXY BASED PROTECTIVE COATINGS		
Primer for Water Tanks	Becktite®	2K moisture and chemical resistant, best suitable for vertical surface
Top coat for Water Tank	BeckBond® FDM 46	2K food grade coating as lining of tanks used for storage of foodstuffs such as vegetable oil, wine, beer, chemicals
Primer coat	BeckBond® WEP 31	2K aqueous self-priming coating system for concrete, stone, wood, brick and metals
Top Coat	Dobeckot® 5022 + hardener 7035	2K excellent chemical resistance for chemical tank coatings, corrosion resistance coating
POLYURETHANE BASED PROTECTIVE COATINGS		
Transparent Top Coat	BeckBond® PU 24	2K waterlike, UV resistant coating for wooden, metal, brick and stone masonry
Opaque Top Coat	BeckBond® PU Ex-Coat 25	2K UV resistant coating for structures exposed to saline atmosphere, bridges, flyovers, monuments, buildings
Glossy Opaque Topcoat	BeckBond® Mcoat 28	
Antifungal Wall Coating	BeckBond® PU Aqua coat 55	1K water based NTC, Pune certified for antibacterial + antifungal performance
ACRYLATE BASED WATERBORNE EXTERIOR WALL COATINGS		
Primer	BeckCoat PRIME-BOND®	Excellent adhesion with non peeling, non dusting and good hiding properties.
Top Coat	BeckCoat Ex-Guard® classic	Premium weatherproof exterior wall coating with elastomeric properties. Tested & certified by NTC, Pune
EPOXY BASED STRUCTURAL SYSTEMS		
Anchoring Grout	Dobeckot® 505C + Hardener EH 411	2K epoxy mortar, injecting grout for crack sealing, good flexibility
Under Water Grout	BeckBond® UW Grout 42M	2K water soluble under water grouting system for concrete structure rehabilitation
ADHESIVES AND SEALANTS		
ADHESIVE	Becktite®	2K thixotropic epoxy adhesive with excellent bonding strength for most of the substrates
	BeckSeal® FC	2K epoxy putty for any type of repairs, armature balancing, metal casting pour sealing
POLYAMIDEIMDE COOKWARE COATINGS AS PRIMER COAT		
Solution for Primer Coat	Allotherm® 602L-38	NMP based coating solution
Solution for Primer Coat	ELAN-Tech® 595 PH	NMP based FDA approved
Solution for Primer Coat	ELAN-Bind 1015	Hydrolyzed coating with FDA approval
FLEXIBLE ELECTRICAL INSULATION FILM		
Ground Insulation	ELAN-Film HT 180	Class 180, PAI coated film with UL EIS 180

Job References | Major

Pharmaceuticals & Bio-technology

ACG Worldwide	Dr Reddy's	Matrix	Sheel Biotech
Akum Drugs	Ethypharm	Mepro	Sun Pharma
Bharat Serum	FDC	Microlab	Torrent
Bliss	Fresenius Kabi	Novartis	Unichem
Blue Cross Labs	Glenmark	Orchid	U S Vitamin
Cachet	Indoco	Panacea Biotech	Venus Remedies
Cadilla	Inventia Healthcare	Piramal Healthcare	Watson
Centaur	IPCA	Ranbaxy	Wockhardt
Chiron Behring	Knoll	Roselabs	Zydus Nycomed
Cipla	Lucid	Sandoz	
Datwyler	Lupin	Sanofi Aventis	

Food & Beverages

Cadbury	HLL	Nestle	Sula Wines
Coca-cola	ITC	Parampara	Venky's
Hamdard	Morde Foods	Pepsi	Unilever

Hospitals

Aditya Birla	DR Raghoji's Kidney	Kulkarni Eye Hospital	Phoenix
Ashwini Hospitals	Gunasheela	Lilawati	Ruby Hall Clinic
Bhagali Hospitals	Global Hospitals	Mother & Child	Sahyadri
Contemporary HC	Goa Medical	N M Wadia	



New Products



ELAN-DECK CAR PARKING SYSTEM

- Polyurethane based flooring specially designed for car parking area.
- Solvent free, low VOC
- Self levelling
- Excellent crack bridging ability (CBA) up to 2mm
- Excellent adhesion to concrete
- Good chemical and abrasion resistance

ELAN-CRETE FLOORING (2-4 MM)

- 4K PU Cementitious based flooring designed for medium to heavy duty area
- Can be applied over green concrete
- Smooth matt finish
- Solvent free, ecofriendly
- Excellent chemical, impact, abrasion resistance
- Excellent thermal shock resistance



BeckSeal® FC

Characteristics

- Fast curing
- Excellent water and mechanical resistant
- Good adhesion

Application

- Armature balancing,
- Moisture proofing of cable joints, sealing of transformers,
- Porcelain insulators bushing repairs.
- Sealing of metal castings
- Water proofing + concrete repairs

ELANTAS

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