



# Beck Bond Construction Chemicals

## STRUCTURAL REPAIRS PRODUCT PROFILE

Trade designation	Mixing ratio R : H (Parts by weight)	Viscosity of mixture at 25°C (mPa.s)	Pot life (..°C/.. min)	Distinctive Properties	Suggested Applications
BeckBond UWGROUT 42	100 : 36	240	25 / 30	Epoxy system, low viscosity, excellent adhesion to concrete and steel, cures hard underwater	For injecting and sealing of cavities and cracks in dams, bridges, concrete structures located underwater
BeckBond UWGROUT 42 M	100 : 40	300	25 / 60	Epoxy system, low viscosity, excellent adhesion to concrete and steel, cures hard underwater	For injecting and sealing of cavities and cracks in dams, bridges, concrete structures located underwater
BeckBond Grout GP	160-180 ml water per kg of Grout GP	-	-	Shrinkage compensating grout mix supplied in powder form	Machine foundations, crane rails anchor bolts, floor taps etc.
BeckBond Grout GP 60	160-180 ml water per kg of Grout GP	-	-	Shrinkage compensating grout mix supplied in powder form	Machine foundations, crane rails anchor bolts, floor taps etc.
Dobeckot 505C+Hardener EH 411	100 : 50	1200	25 / 80	Epoxy resin system with low viscosity, good flexibility and ability to cure in moist condition	For injecting grouting, sealing of dry & moist cracks in concrete structures. Used as primer in floor coating application
Becktite	100:80	35000 – 45000	60 / 75	2-component epoxy adhesive with excellent adhesive strength, good moisture & chemical resistance. Application ease on vertical surface	Bonding agent for hardened to hardened concrete, metal to metal bonding. Pre-cast bridge segments.
Dobeckot 5022+Hardener EH 408	100 : 45 : 15	7000	25 / 60	Epoxy resin system with excellent chemical and corrosion resistance	Protective lining and coating in fertilizer and chemical industries, marine structures, concrete tanks
Dobeckot 5022/7030/7035	100 : 50	1200	25 / 80	Epoxy resin system with low viscosity, good flexibility and ability to cure in moist condition	For injecting grouting, sealing of dry & moist cracks in concrete structures. Used as primer in floor coating application
BeckBond Micrete	100:18	-	-	Cementitious grey powder used for rehabilitation of distressed structures	All kinds of structural repairs, like columns, beams, slabs. Gives the structures a clean and smooth finish.
BeckBond SBR	100:100	-	-	Aqueous emulsion of Styrene Butadiene Copolymer latex to improve the performance of cement mortars	Concrete and floor screed repairs, corrosion protection of reinforcement. Gives higher compressive properties, basements and tanks.
Dobeckot 5022 + Hardener EH 411	100 : 55	11800	25 / 70	Epoxy resin system with high adhesive strength in tension and shear	For bonding of fresh to hardened concrete as well as hardened to hardened concrete



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Dobekot 505C + Hardener EH408	100 : 50	470	25 / 130	Epoxy resin system with Low viscosity & good adhesion	For injecting and sealing cavities and cracks in structural components such as columns, beams, foundations, deck slabs in dry condition
Beck Bond EPG 95	100 : 100	600 -1000	25/10-20	Epoxy resin based grout for excellent adhesion with concrete substrates	Grout for Airport lighting system installations, pavement joint filling, concrete repairs, etc.
<b>ADDITIVES &amp; AUXILIARIES</b>					
Diluent C	-	65	-	Reduces viscosity, gives flexibility to cured film	Diluent and viscosity reducer
Thinner 221	-	-	-		Viscosity reduction of coating system, cleaning of tools etc.

**Notes :**

1. For detailed properties please refer to Technical Data Sheet for particular product.
2. All products room temp (15-40°C) drying, curing time varies from 24 - 72 hours for different product.
3. For specific applications configurations of systems / products can also be suggested.



**ELANTAS Beck India Ltd**

**Marketing H.O.:** 147 Mumbai-Pune Road, Pimpri, Pune 411 018 • Tel: (020) 30610800, 30610616 • Fax: (020)30610691  
**Technical Services:** 147 Mumbai-Pune Road, Pimpri, Pune 411 018 • Tel: (020) 30610600, 30610723 • Fax: (020)30610601

**Regional Offices:**

**Bangalore:** Tel: (080) 5281649, 5283093 • Fax: 5280831 • **New Delhi:** Tel: (011) 23411664, 23412940 • Fax: 23413408  
**Pune:** Tel: (020) 30610800, 30610618 • Fax: (020)30610691 • **Kolkata :** Tel: (033) 22486881, 22482019 • Fax: 22420970