



Certificate of Accreditation

TEK STUMP 75MM AND 85MM SQUARE CONCRETE STUMP

Stump Systems
31 Edinburgh Road
Llydale, Victoria 3140

has applied to the **Building Regulations Advisory Committee** for the accreditation of **TEK STUMP 75MM AND 85MM SQUARE CONCRETE STUMP** for use in reblocking. The **Building Regulations Advisory Committee** appointed under Division 4 of Part 12 of the **Building Act 1993** has examined the application and determined that **TEK STUMP 75MM AND 85MM SQUARE CONCRETE STUMP** complies with Performance Requirement:

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of the **Building Code of Australia** as adopted by the **Building Regulations 2006**, as that clause applies to the use of the stump in reblocking, provided each installation is in accordance with the conditions for use and identification details in the three (1) data sheet attached and subject to the following conditions:

- (i) the stumps may only be used for single storey construction; and
- (ii) the roof load width must not exceed 5 metres; and
- (iii) the uniformly distributed floor live load must not exceed 1.5 kPa; and
- (iv) the allowable bearing pressure of the soil must not be less than 75 kPa.

Date: 19 July 2006
Certificate Number: V06/02
Secretary: Matthew Collina

Bearing Kpa.	Footing (mm ²)	Axial force (KN)	Dead Load (KN)	Live Load (KN)	Factorized Axial force (KN)	Minimum Nc (KN)	stump size 75 SQ. Leff	stump size 85 SQ. Leff
75.00	0.045	4.37	3.06	1.31	5.63	9.39	1640	2100
75.00	0.09	8.74	6.11	2.62	11.27	18.78	1160	1490
75.00	0.12	11.65	8.15	3.49	15.02	25.04	1000	1290
75.00	0.18	17.47	12.23	5.24	22.54	37.56	820	1050

Bearing Kpa.	Footing (mm ²)	Axial force (KN)	Dead Load (KN)	Live Load (KN)	Factorized Axial force (KN)	Minimum Nc (KN)	stump size 75 SQ. Leff	stump size 85 SQ. Leff
100.00	0.045	5.82	4.08	1.75	7.51	12.52	1400	1800
100.00	0.09	11.65	8.15	3.49	15.02	25.04	1000	1275
100.00	0.12	15.53	10.87	4.66	20.03	33.39	870	1100
100.00	0.18	23.29	16.31	6.99	30.05	50.08	710	900

Bearing Kpa.	Footing (mm ²)	Axial force (KN)	Dead Load (KN)	Live Load (KN)	Factorized Axial force (KN)	Minimum Nc (KN)	stump size 75 SQ. Leff	stump size 85 SQ. Leff
150.00	0.045	8.74	6.11	2.62	11.27	18.78	1150	1490
150.00	0.09	17.47	12.23	5.24	22.54	37.56	820	1080
150.00	0.12	23.29	16.31	6.99	30.05	50.08	700	910
150.00	0.18	34.94	24.46	10.48	45.07	75.12	575	740