



FIRE RATING NOTE:

REFER TO FIRE RATING SECTION IN BGC 6.0mm DURABARRIER™ PRODUCT LITERATURE FOR FURTHER FIRE RATING DETAILS

TIMBER FRAMING:

TIMBER FRAMING TO BE MINIMUM 90mm DEEP X 45mm WIDE, IN ACCORDANCE WITH NZS3604. STUDS AT MAXIMUM 600mm CENTRES. NOGGINGS AT MAXIMUM 800mm CENTRES. DOUBLE OR STAGGERED STUDS MAY BE USED.

LOADINGS: MAXIMUM LOAD PER STUD, AS PER TABLE BELOW:

ULTIMATE STRENGTH (kN PER STUD) FOR FIRE EMERGENCY LOADING FOR 30 MINUTES

ACTUAL STUD SIZE (mm)	WALL HEIGHT(m)								
	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8
90X45	10.5	8.8	7.4	6.2	5.3	4.4	3.7	3.2	2.6
120X45	22.4	19.7	17.3	15.2	13.3	11.6	10.2	8.9	7.8
140X45	31.6	28.6	25.7	23.0	20.5	18.3	16.3	14.5	12.9

PROFILE **BGC Durabarrier™**

DATE **May 2011**

DETAIL **30/30/30 Fire Rating Detail**

SCALE **1:5 @ A4**

DETAIL NO. **DB 17**