

SEISMIC

GAMMA BRACING FRAME



**NEW ZEALAND'S NEW AND MOST
ADVANCED ROBUST BRACING
SYSTEM FOR TIMBER & STEEL FRAME
CONSTRUCTIONS.**

**THE GBF "EASY QUICK FIX" GBF
BRACING WITH "SLIP-IN HOLD-DOWN
BRACKETS & WASHERS."**

- CodeMark Certified
- Buy through your merchant or direct
- Saves labour & cost of construction
- Only 10 minutes to fit a GBF
- 100% New Zealand made for New Zealand environment

 **TECHNICAL MANUAL**
DESIGNED BY GAMMA TECHNOLOGIES LTD
May 2017

 **GAMMA**


CODEMARK
Australia & New Zealand

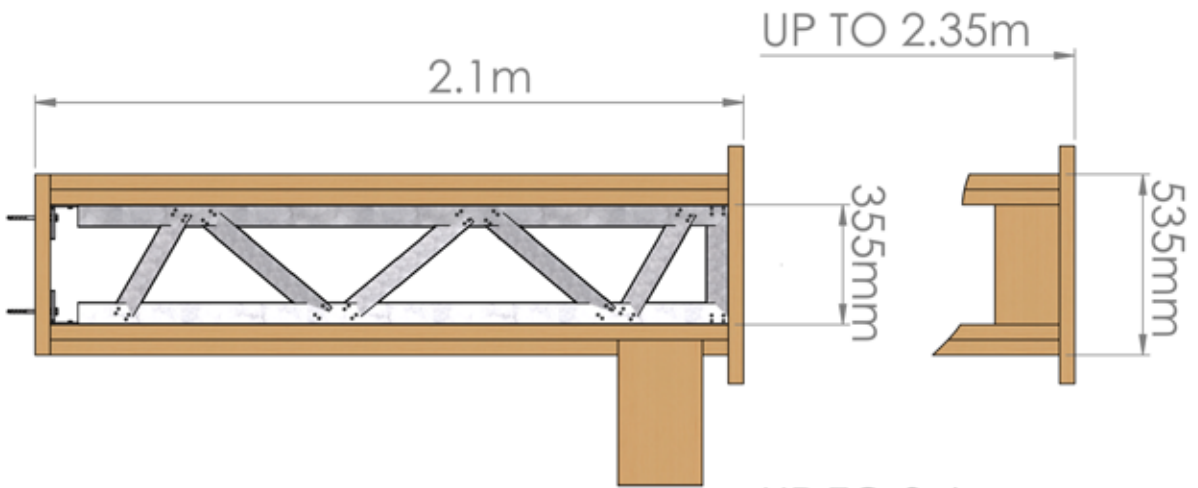


GBF400

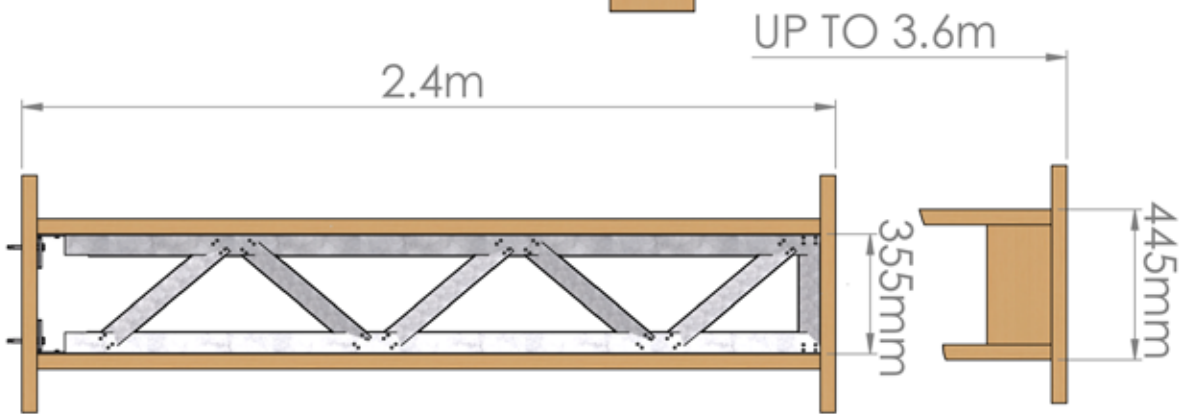


GBF600

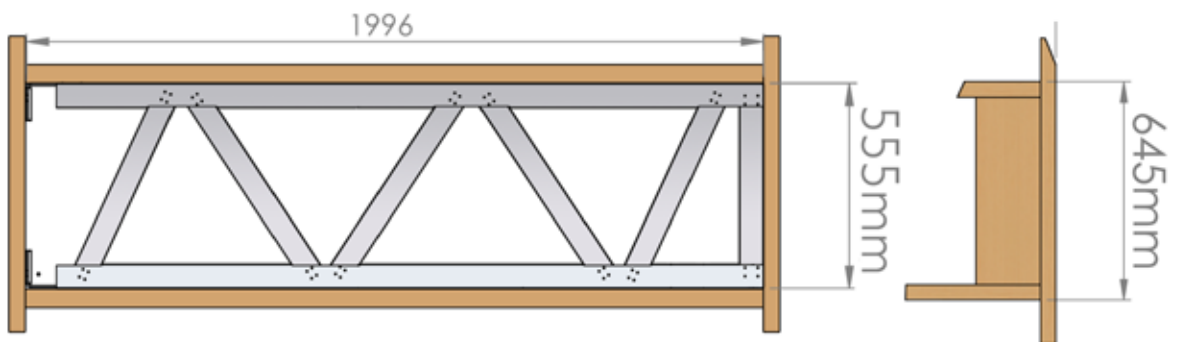
GBF 400S 2.1mtrs



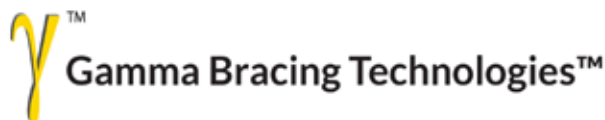
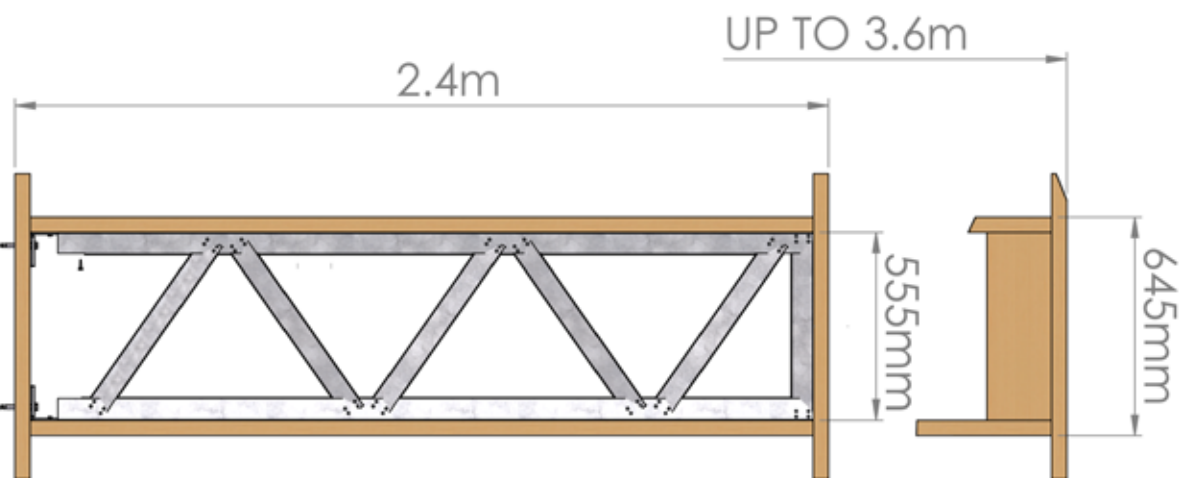
GBF 400 2.4mtrs



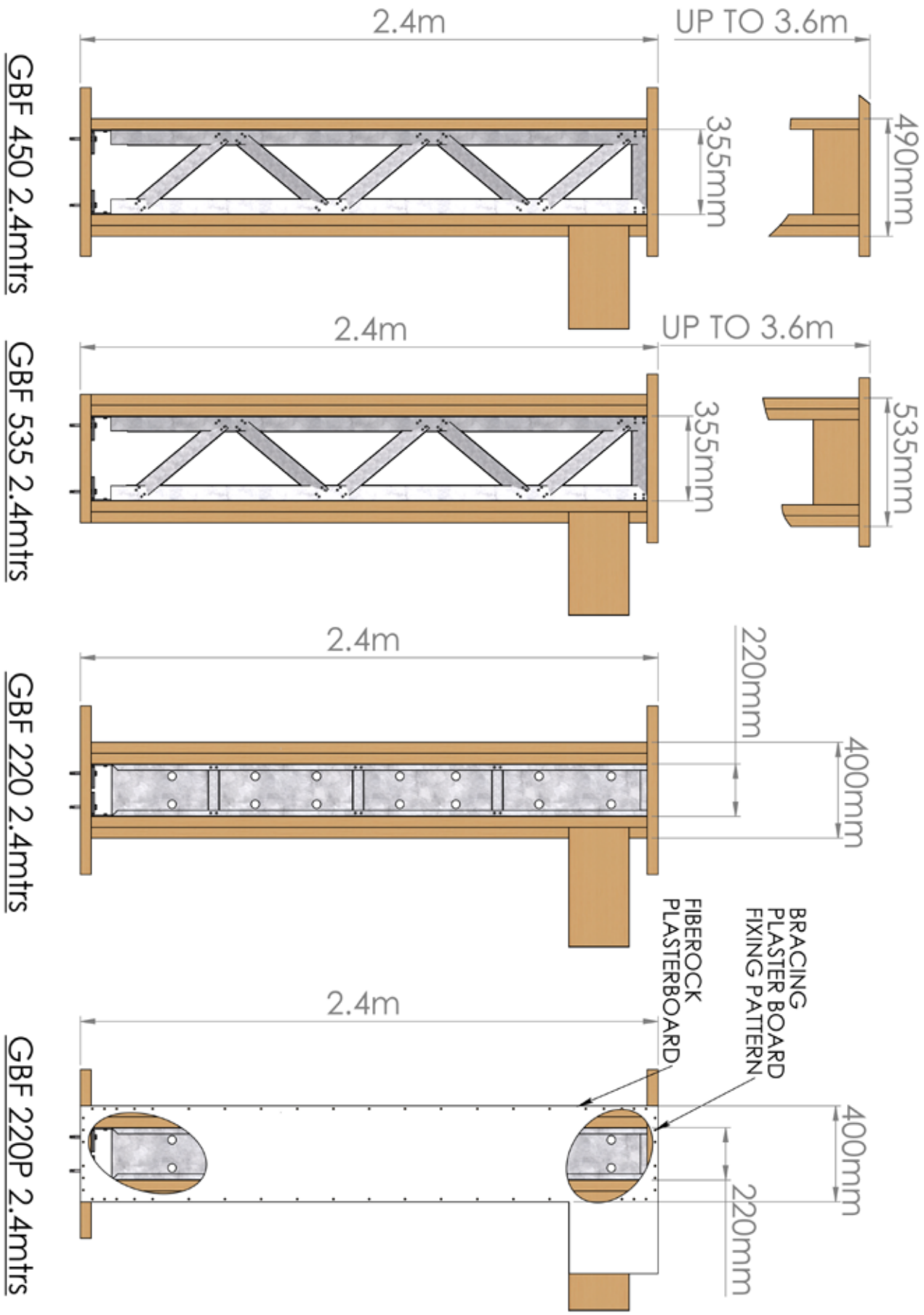
GBF 600S 2.1mtrs



GBF 600 2.4mtrs



NOTE: All GBF Frames can be further reduced in height by sliding their hold-down anchors up in to their frames



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GAMMA BRACING TECHNOLOGIES
The only bracing system with codemark certification
Download Bracing Design Calculator

GAMMA GBF Frame Bracing Values

Dated 20th May 2017

GBF Bracing Frame ref	BU's WIND	BU's E.Q.	Single Studs	Double Studs	Total width	Height From/ to max of
GBF220/2100mm	45bu's	53bu's	no	YES	400mm	2000/2400mm
GBF 220/2400mm	37bu's	44bu's	no	YES	400mm	2400/2700mm
GBF220PX/2400mm	42bu's	50bu's	no	YES	400mm	2400/2700mm
GBF400SX/2100mm	51bu's	63bu's	YES	no	445mm	2000/2400mm
GBF400/2400mm	45bu's	55bu's	YES	no	445mm	2400/2700mm
GBF400/2700mm	40bu's	40bu's	YES	no	445mm	2700/3000mm
GBF400/3000mm	35bu's	40bu's	YES	no	445mm	3000/3300mm
GBF450SX/2100mm	65bu's	74bu's	1LHS + 2RHS	1LHS + 2RHS	490mm	2100/2400mm
GBF450/2400mm	57bu's	65bu's	1LHS + 2RHS	1LHS + 2RHS	490mm	2400/2700mm
GBF450/2700mm	50bu's	57bu's	1LHS + 2RHS	1LHS + 2RHS	490mm	2700/3000mm
GBF450/3000mm	45bu's	52bu's	1LHS + 2RHS	1LHS + 2RHS	490mm	3000/3300mm
GBF535SX/2100mm	79bu's	86bu's	no	YES	535mm	2000/2400mm
GBF535/2400mm	69bu's	75bu's	no	YES	535mm	2400/2700mm
GBF535/2700mm	61bu's	67bu's	no	YES	535mm	2700/3000mm
GBF535/3000mm	55bu's	60bu's	no	YES	535mm	3000/3300mm
GBF535/3300mm	50bu's	55bu's	no	YES	535mm	3300/3600mm
GBF600SX/2100mm	90bu's	90bu's	YES	no	645mm	2000/2400mm
GBF600/2400mm	84bu's	90bu's	YES	no	645mm	2400/2700mm
GBF600/2700mm	70bu's	70bu's	YES	no	645mm	2700/3000mm
GBF600/3000mm	55bu's	60bu's	YES	no	645mm	3000/3300mm
GBF600/3600mm	46bu's	50bu's	YES	no	645mm	3300/3600mm

**Design with GAMMA GBF Easy Fit-System Brace and save time,
cost, property & lives**

GAMMA FOR PEACE OF MIND

www.gammabracing.co.nz

