



HB Regional Hospital, Hastings

HBDHB DESCRIPTION – Intensive Care Unit (ICU) HA30

2-\$5000.00



INTRODUCTION:

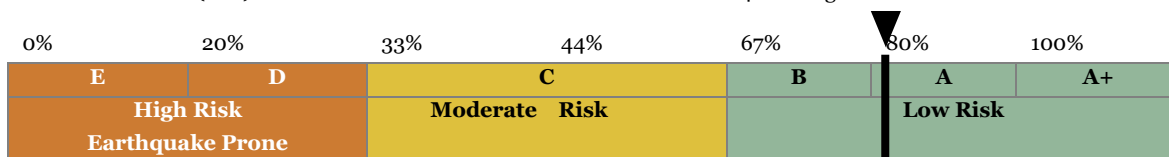
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Intensive Care Unit (ICU), HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external non-invasive visual inspections, and an estimation of %NBS using the IEP process. Previous assessments have been used for deriving the IEP's and the values derived from detailed assessments have been adopted. Serviceability Limit State assessments for IL 4 buildings are not included.

BUILDING DESCRIPTION:

Building Name:	Intensive Care Unit (ICU)	Building Use:	Medical Services
Design/Constructed/Upgraded:	1996	Importance Level	4
General Shape:	Square + Rectangle (Irregular Shape)	No. of Storeys:	1
Longitudinal Lateral Load Resisting System:	Steel Frame	Transverse Lateral Load Resisting System:	Steel Frame
Foundation System:	Individual deep Pad Footings with deep Concrete Walls	Other Level Floor Systems:	Ground Floor is Precast Concrete Slab
Roof System:	Metal Roof	Primary Cladding Type:	Unknown
Most Recent Previous Assessment:	Year: 2005 By: Holmes Consulting group Assessment: SPS Assessment – 100%		
Other Comments:	Detailed Seismic Assessment recommended and IL4 SLS Assessment recommended		

INITIAL EVALUATION PROCEDURE:

Intensive Care Unit (ICU) is assessed as **81% NBS** when considered as an IL4 building.



	Longitudinal	Transverse
Baseline %NBS	46	46
Factors Influencing Baseline	-	-
Critical Structural Weaknesses	-	-
Modification Factors	1.75	1.75
Influence on Modification Factor	Plan irregularity. Robust modern construction.	
%NBS	81% NBS	81% NBS

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