

**Table A2-1 Airports & Electricity Generation Buildings in Dominica
(Building Type D-1: 1 – 3 Story Commercial Masonry)***

Building Element	Description	Model Parameters					
		a ₁ (mph ^{**})	a ₂ (mph ^{**})	b ₁	b ₂	I ₁	J ₁
Roof Covering	Metal Sheathing	58	185	0.00	0.50	3.00	3.00
Roof Decking	Metal Decking	55	176	0.00	0.50	3.00	3.00
Roof Framing	Concrete Slab	104	231	0.00	0.50	3.00	3.00
Roof-wall Connection	Rigid	76	185	0.25	1.00	3.00	3.00
Roof-wall (and Intp.)	Rigid	69	177	0.25	1.00	3.00	3.00
Lateral Bracing	Shear Wall	99	220	0.25	1.00	0.10	0.00
Openings	Not Protected	55	107	0.00	0.50	3.00	3.00
Cladding	RC Block	100	241	0.00	0.50	0.10	0.00
FF Connection	Rigid	132	220	0.25	1.00	0.10	0.00
Foundation	Slab on Grade	132	275	0.25	1.00	0.10	0.00
Gross Structure	N/A	99	275	0.25	1.00	0.00	0.40

* Main features

** 1-minute sustained

1. Fully engineered
2. Constructed between 1958 and 1995
3. Gable Roof
4. Average construction quality

**Table A2-2: Schools, Public & Health Service Buildings in Dominica
(Building Type D-2: 1 – 3 Story Commercial Masonry)***

Building Element	Description	Model Parameters					
		a ₁ (mph**)	a ₂ (mph**)	b ₁	b ₂	I ₁	J ₁
Roof Covering	Metal Sheathing	58	185	0.00	0.50	3.00	3.00
Roof Decking	Wooden Planks	55	176	0.00	0.50	3.00	3.00
Roof Framing	RC	104	231	0.00	0.50	3.00	3.00
Roof-wall Connection	Rigid	76	185	0.25	1.00	3.00	3.00
Roof-wall (and Intp.)	Rigid	69	177	0.25	1.00	3.00	3.00
Lateral Bracing	RC	104	241	0.25	1.00	0.10	0.00
Openings	Not Protected	55	107	0.00	0.50	3.00	3.00
Cladding	RC Block	90	241	0.00	0.50	0.10	0.00
FF Connection	Rigid	132	220	0.25	1.00	0.10	0.00
Foundation	Slab on Grade	132	275	0.25	1.00	0.10	0.00
Gross Structure	N/A	104	275	0.25	1.00	0.00	0.40

* Main features

1. Flat Roof
2. 1980 Construction
3. Fully engineered

** 1-minute sustained

**Table A2-3: Government Buildings in Dominica
(Building Type D-3: 1 – 3 Story Commercial Masonry)***

Building Element	Description	Model Parameters					
		a ₁ (mph ^{**})	a ₂ (mph ^{**})	b ₁	b ₂	I ₁	J ₁
Roof Covering	Metal Sheathing	58	185	0.00	0.50	3.00	3.00
Roof Decking	Wooden Planks	55	176	0.00	0.50	3.00	3.00
Roof Framing	Wooden Truss	99	220	0.00	0.50	3.00	3.00
Roof-wall Connection	Straps	76	185	0.25	1.00	3.00	3.00
Roof-wall (and Intp.)	Straps	69	177	0.25	1.00	3.00	3.00
Lateral Bracing	Shear Wall	99	220	0.25	1.00	0.10	0.00
Openings	Not Protected	55	107	0.00	0.50	3.00	3.00
Cladding	Plain Conc. Block	100	241	0.00	0.50	0.10	0.00
FF Connection	Rigid	132	220	0.25	1.00	0.10	0.00
Foundation	Slab on Grade	132	275	0.25	1.00	0.10	0.00
Gross Structure	N/A	99	275	0.25	1.00	0.00	0.40

* Main features

** 1-minute sustained

1. Fully engineered
2. Constructed between 1982 and 1994
3. Average construction quality
4. Gable roof