

COMPANY NAME AND ADDRESS:

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Stratco (HB) Limited, 65 Niven Street, Onekawa, Napier, 4110—Ph (06) 843 6159—NZBN 9429036524792

Contour Roofing Nelson Limited, 41 Venice Place, Stoke, Nelson, 7011— Ph (03) 538 0824—NZBN 9429038730085

Contour Blenheim Limited, 35 Kinross Street, Blenheim, 7201— Ph (03) 577 7720—NZBN 9429031587600

ADDRESS FOR SERVICE: Nexia Christchurch Limited, Level 4, 123 Victoria Street, Christchurch, 8013

WEBSITE: www.stratco.co.nz

PRODUCT: Kudos Louvre Roofs



DESCRIPTION

Kudos Louvre Roofs are a premium New Zealand made louvre roof system designed to transform outdoor spaces. Crafted from high-quality aluminium, these opening roofs are durable and built to withstand the elements. Customers can choose from a range of colours and finishes to ensure their opening roof fits seamlessly with the existing aesthetic of their property. These innovative roofs can be operated manually or with the touch of a button, offering a versatile solution to protect outdoor areas from the sun, wind, and rain. With the ability to enclose an outdoor area, Kudos Louvre Roofs make it possible to respond to the changing weather and enjoy time outside all year round.

Whether it's to enhance a home's outdoor living area, create an alfresco dining space at a restaurant, add an outdoor event area for a hotel, provide sun and rain protection for a school playground or protect outdoor seating at a cafe from wind and rain, Stratco design and install louvre roof systems to accommodate your requirements and complement your surroundings. Any size and shape is achievable.

Stylish and durable, Kudos Louvre Roof systems features include:

- Up to 165 degree rotation, depending on blade type.
- Long louvre spans.
- Waterproof with in-built guttering.
- Motorised and hand operable.
- Powdercoated and anodised finishes.
- Many colour options available.

PLACE OF MANUFACTURE

New Zealand

DESIGN CONSIDERATIONS

- Kudos Louvre Roof systems are available to a maximum height of 3.000 metres in options that can be freestanding or attached to a building
- Four louvre blade options—Delta Curved, Delta Flat, Titan & Heavy Duty
- Stratco Ambient Blinds and Stratco Outback® Slique roof systems can be used in conjunction with Kudos Louvre Roof systems
- All Kudos Louvre Roof systems are supported by in-house engineering that is reviewed and certified by independent structural engineers. Producer Statements for Kudos™ systems are available on request
- Kudos Louvre Roof systems meet the structural requirements of :
 - AS/NZS1664:1997—Aluminium Structures—Limit State Design
 - NZS 3101:2006—Concrete Structures Standard
 - AS/NZS4600:2005—Cold Formed Structures
 - NZS 3404.1 & 2:1997—Steel Structures Standard
 - AS/NZS1170.0: Structural Design Actions – Part 0: General Principles
 - AS/NZS1170.1: Structural Design Actions – Part 1: Permanent, Imposed and Other Actions
 - AS/NZS1170.2: Structural Design Actions – Part 2: Wind Actions
 - NZ Building Code NZS 3604:2011—Timber-Framed Buildings
- It is important to ensure Kudos Louvre Roof systems are suitable for the location it is to be used in to ensure it meets the minimum durability requirements of the NZ Building Code and satisfy customer expectations. The boundaries of different corrosion zones in New Zealand are difficult to define because many factors determine the corrosivity of a particular location. Contact [Stratco](http://www.stratco.co.nz) to confirm suitability for your location
- Ensure material compatibility when using Kudos Louvre Roof systems in conjunction with other metal products
- Available as a complete package installed by an Authorised Stratco Dealer. Contact your [nearest Stratco](http://www.stratco.co.nz) or Authorised Stratco Dealer.
- For further information refer www.stratco.co.nz/patios

MATERIAL COMPOSITION & COATINGS

It is important to ensure Kudos Louvre roof systems are suitable for the location it is to be used in to ensure it meets the minimum durability requirements of the NZ Building Code and satisfy customer expectations. The boundaries of different corrosion zones in New Zealand are difficult to define because many factors determine the corrosivity of a particular location.

Contact [Stratco](#) or your nearest Authorised Stratco Dealer to confirm suitability for your location.

Kudos Louvre roof systems and components comply with the following standards:

- Aluminium extrusions comply with AS/NZS 1866:1997
- Bolts comply with AS/NZS2451, AS1110.1 and AS1111.1.
- Self drilling screws comply with AS3566.1

WARRANTY

Kudos Louvre roof systems and components have the following warranties:

Structural Warranty—15 years

Paint/Powdercoat Finishes—10 years

Kudos™ Controller Unit— manual controller 2 years, motorised controller 5 years (actuator motor only)

Installation—1 year when installed by an Authorised Stratco Dealer

BUILDING CODE COMPLIANCE

The product will, if used in accordance with Stratco’s installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** B1.3.1, B1.3.2, B1.3.3 (b, c, f, g, h, j), B1.3.4
Testing and design of structural members comply with the following standards:
AS/NZS1664:1997—Aluminium Structures—Limit State Design
AS/NZS 1170:2002 Part 0 Structural Design Actions—General Principles
AS/NZS 1170:2002 Part 1 Structural Design Actions—Permanent, Imposed & Other Actions
AS/NZS 1170:2011 Part 2 Structural Design Actions—Wind Actions
AS/NZS 1170:2011 Part 3 Structural Design Actions— Snow and Ice Actions
NZS 3101:2006 Concrete Structures Standard
NZS 3404.1 & 2:1997 Steel Structures Standard
NZS 3604:2011 Timber-Framed Buildings

MAXIMUM SPANS FOR NZS 3604 WIND ZONES

	Wind Zone—Blade Span Limits (m)				
	Low	Medium	High	Very High	Extra High
Delta Curved	4.100	3.700	3.200	3.000	2.800
Titan	3.900	3.500	3.100	2.800	2.600
Delta Flat	4.400	3.900	3.400	3.100	2.900
Heavy Duty	5.700	5.000	4.400	4.000	3.700

SLS Low wind zone = 0.68kPa, Medium wind zone = 0.93kPa, High wind zone = 1.32kPa, Very high wind zone = 1.72kPa, Extra high wind zone = 2.09kPa

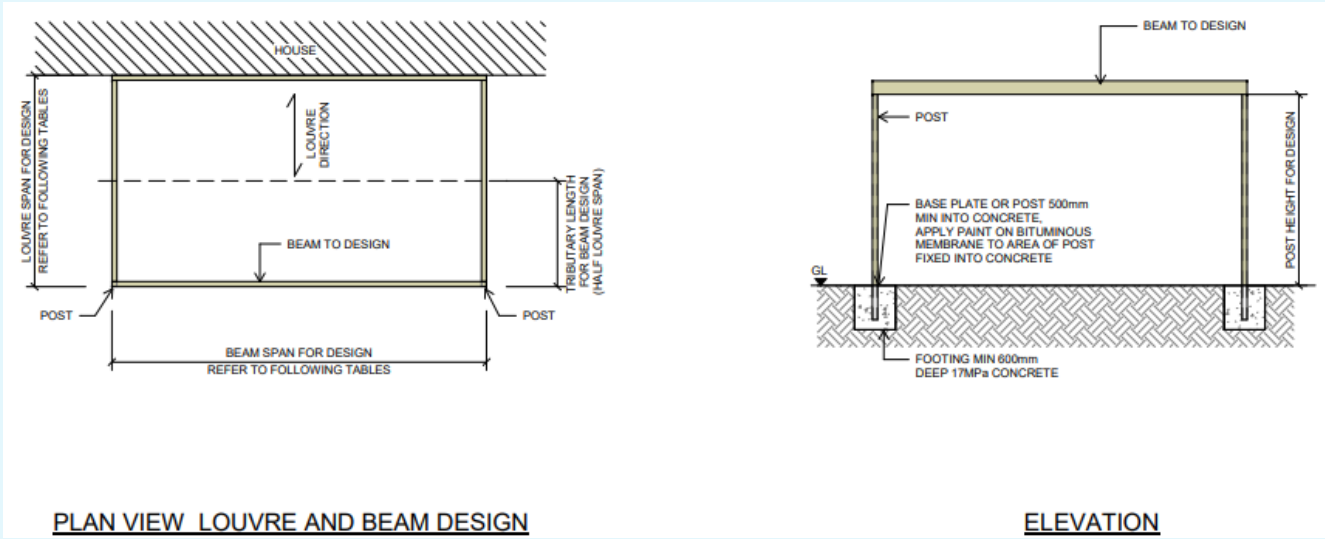
ULS Low wind zone = 0.98kPa, Medium wind zone = 1.32kPa, High wind zone = 1.88kPa, Very high wind zone = 2.44kPa, Extra high wind zone = 2.96kPa

Calculating Tributary Length of Beams:

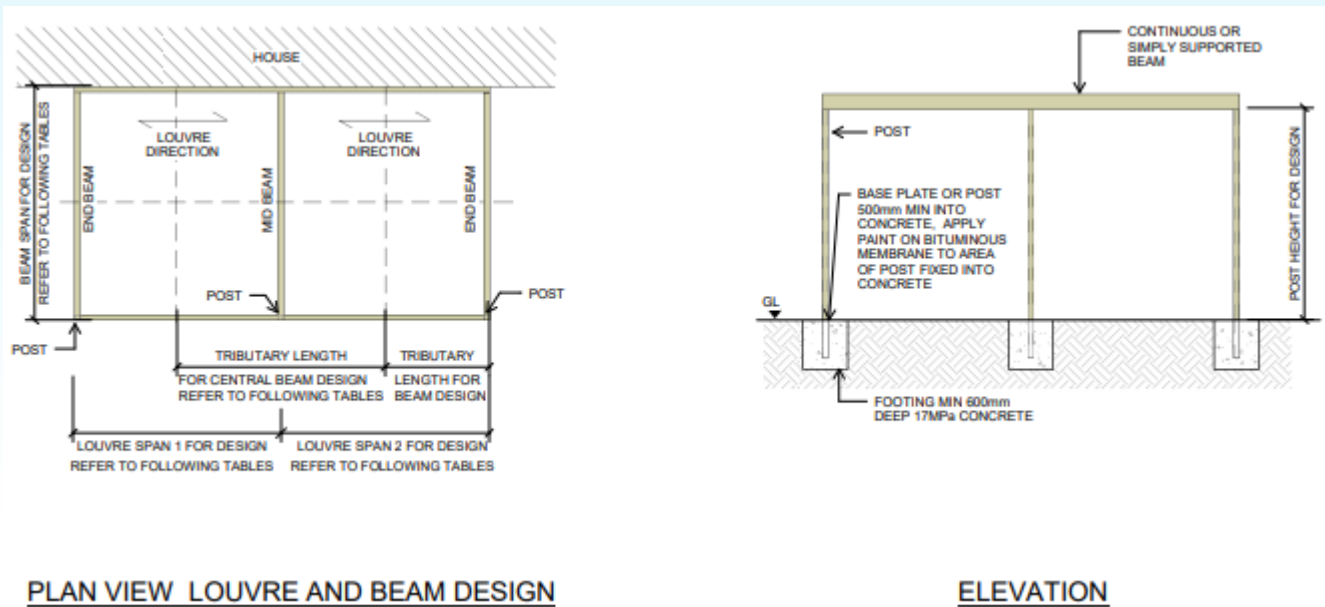
- **Simply Supported Beams**—Typically only half the length of the louvre span
- **Cantilevered Beams**—Typically only half the length of the louvre span. Beam cantilever length is maximum 35% of overall beam span length.
- **Continuous Beam**—When calculating the tributary length for mid beams on continuous beam spanning structures, note the following considerations:
 - That half the louvre span on each side may not be equal.
 - Where the mid beams are fully supported by posts louvre spans revert to being the same as for a simply supported structure

See the following diagrams for explanation of above beam types as well as end and mid beams:

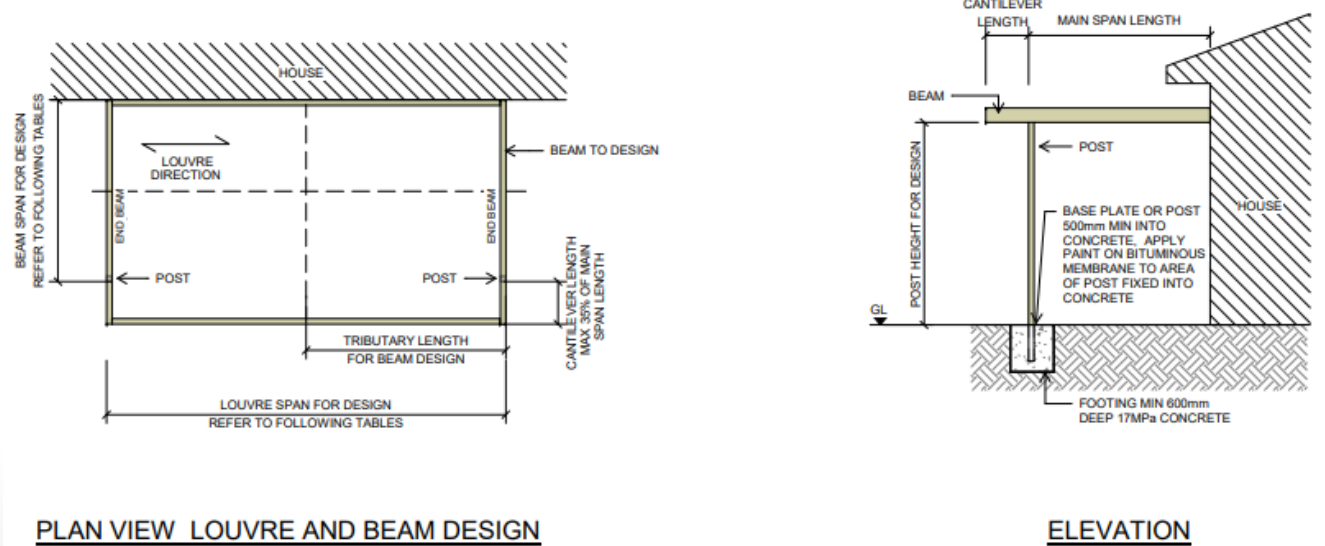
Simply Supported Beam:



Continuous Beam:

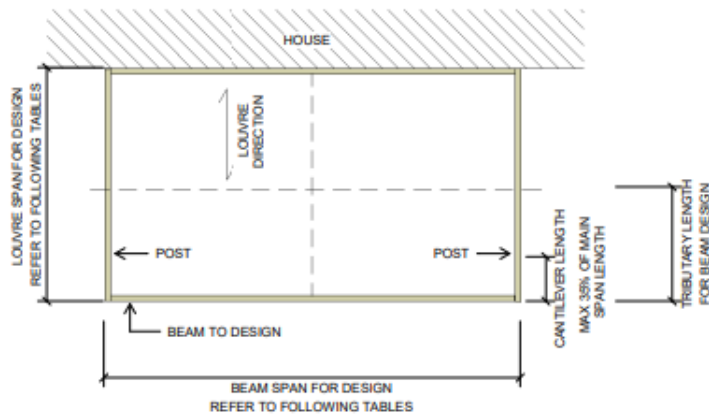


Cantilevered Beam:

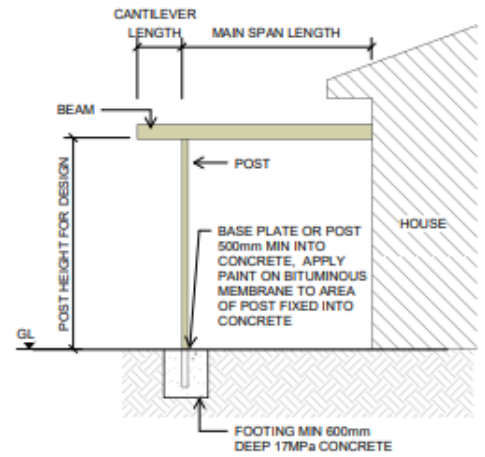


KUDOS LOUVRE ROOFS

BUILDING PRODUCT INFORMATION SHEET—CLASS 2



PLAN VIEW PERPENDICULAR LOUVRE AND BEAM DESIGN



ELEVATION

KUDOS LOUVRE ROOF FREESTANDING

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Low (L)															
	150x50x3mm		200x50x3mm				250x50x3mm				300x50x3.5mm					
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double
1000	5450	7000	2725	3500	7000	8950	3500	4475	8500	9000	4250	4500	9000	9000	4500	4500
1500	4750	6150	2375	3075	6100	7850	3050	3925	7450	9000	3725	4500	8750	9000	4375	4500
2000	4300	5550	2150	2775	5550	7100	2775	3550	6750	8650	3375	4325	7950	9000	3975	4500
2500	4000	5150	2000	2575	5150	6600	2575	3300	6250	8050	3125	4025	7400	9000	3700	4500
3000	3750	4850	1875	2425	4850	6200	2425	3100	5900	7550	2950	3775	6950	8900	3475	4450
3500	3600	4600	1800	2300	4600	5900	2300	2950	5600	7200	2800	3600	6600	8450	3300	4225
4000	3400	4400	1700	2200	4400	5650	2200	2825	5350	6850	2675	3425	6300	8050	3150	4025
4500	3300	4250	1650	2125	4250	5400	2125	2700	5150	6600	2575	3300	6050	7750	3025	3875
5000	3200	4100	1600	2050	4100	5250	2050	2625	4950	6350	2475	3175	5850	7500	2925	3750
5500	3100	3950	1550	1975	3950	5050	1975	2525	4800	6150	2400	3075	5700	7250	2850	3625

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Medium (M)															
	150x50x3mm		200x50x3mm				250x50x3mm				300x50x3.5mm					
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double
1000	4950	6350	2475	3175	6350	8150	3175	4075	7750	9000	3875	4500	9000	9000	4500	4500
1500	4300	5550	2150	2775	5550	7100	2775	3550	6750	8650	3375	4325	7950	9000	3975	4500
2000	3900	5050	1950	2525	5050	6450	2525	3225	6150	7850	3075	3925	7250	9000	3625	4500
2500	3650	4700	1825	2350	4650	6000	2325	3000	5700	7300	2850	3650	6700	8550	3350	4275
3000	3400	4400	1700	2200	4400	5650	2200	2825	5350	6850	2675	3425	6300	8050	3150	4025
3500	3250	4200	1625	2100	4200	5350	2100	2675	5100	6500	2550	3250	6000	7650	3000	3825
4000	3100	4000	1550	2000	4000	5100	2000	2550	4850	6250	2425	3125	5750	7350	2875	3675
4500	3000	3850	1500	1925	3850	4900	1925	2450	4700	6000	2350	3000	5500	7050	2750	3525
5000	2900	3700	1450	1850	3700	4750	1850	2375	4500	5800	2250	2900	5300	6800	2650	3400
5500	2800	3600	1400	1800	3600	4600	1800	2300	4350	5600	2175	2800	5150	6600	2575	3300

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	High (H)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	
1000	4400	5650	2200	2825	5650	7250	2825	3625	6900	8800	3450	4400	8100	9000	4050	4500
1500	3850	4950	1925	2475	4950	6350	2475	3175	6000	7700	3000	3850	7100	9000	3550	4500
2000	3500	4500	1750	2250	4500	5750	2250	2875	5450	7000	2725	3500	6450	8200	3225	4100
2500	3250	4150	1625	2075	4150	5350	2075	2675	5050	6500	2525	3250	5950	7650	2975	3825
3000	3050	3900	1525	1950	3900	5000	1950	2500	4750	6100	2375	3050	5600	7200	2800	3600
3500	2900	3750	1450	1875	3700	4750	1850	2375	4550	5800	2275	2900	5350	6800	2675	3400
4000	2750	3550	1375	1775	3550	4550	1775	2275	4350	5550	2175	2775	5100	6500	2550	3250
4500	2650	3400	1325	1700	3400	4400	1700	2200	4150	5350	2075	2675	4900	6250	2450	3125
5000	2550	3300	1275	1650	3300	4250	1650	2125	4000	5150	2000	2575	4750	6050	2375	3025
5500	2500	3200	1250	1600	3200	4100	1600	2050	3900	5000	1950	2500	4600	5850	2300	2925

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Very High (VH)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	
1000	4050	5200	2025	2600	5200	6650	2600	3325	6300	8100	3150	4050	7450	9000	3725	4500
1500	3550	4550	1775	2275	4550	5800	2275	2900	5500	7050	2750	3525	6500	8300	3250	4150
2000	3200	4100	1600	2050	4100	5250	2050	2625	5000	6400	2500	3200	5900	7550	2950	3775
2500	2950	3850	1475	1925	3800	4900	1900	2450	4650	5950	2325	2975	5500	7000	2750	3500
3000	2800	3600	1400	1800	3600	4600	1800	2300	4350	5600	2175	2800	5150	6600	2575	3300
3500	2650	3400	1325	1700	3400	4350	1700	2175	4150	5300	2075	2650	4900	6250	2450	3125
4000	2550	3250	1275	1625	3250	4200	1625	2100	3950	5100	1975	2550	4700	6000	2350	3000
4500	2450	3150	1225	1575	3150	4000	1575	2000	3800	4900	1900	2450	4500	5750	2250	2875
5000	2350	3050	1175	1525	3000	3900	1500	1950	3700	4700	1850	2350	4350	5550	2175	2775
5500	2300	2950	1150	1475	2950	3750	1475	1875	3550	4550	1775	2275	4200	5400	2100	2700

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Extra High (EH)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	
1000	3750	4850	1875	2425	4850	6200	2425	3100	5900	7550	2950	3775	6950	8900	3475	4450
1500	3300	4250	1650	2125	4250	5400	2125	2700	5150	6600	2575	3300	6050	7750	3025	3875
2000	3000	3850	1500	1925	3850	4900	1925	2450	4700	6000	2350	3000	5500	7050	2750	3525
2500	2750	3550	1375	1775	3550	4550	1775	2275	4350	5550	2175	2775	5100	6550	2550	3275
3000	2600	3350	1300	1675	3350	4300	1675	2150	4100	5250	2050	2625	4800	6150	2400	3075
3500	2500	3200	1250	1600	3200	4100	1600	2050	3900	4950	1950	2475	4550	5850	2275	2925
4000	2350	3050	1175	1525	3050	3900	1525	1950	3700	4750	1850	2375	4350	5600	2175	2800
4500	2250	3150	1125	1575	2900	3750	1450	1875	3550	4550	1775	2275	4200	5350	2100	2675
5000	2200	3050	1100	1525	2800	3600	1400	1800	3450	4400	1725	2200	4050	5200	2025	2600
5500	2150	2950	1075	1475	2750	3500	1375	1750	3350	4250	1675	2125	3950	5000	1975	2500

KUDOS LOUVRE ROOF ATTACHED

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Low (L)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	
1000	4700	6050	2350	3025	6050	7750	3025	3875	7350	9000	3675	4500	8650	9000	4325	4500
1500	4100	5300	2050	2650	5250	6750	2625	3375	6400	8200	3200	4100	7550	9000	3775	4500
2000	3750	4800	1875	2400	4800	6150	2400	3075	5850	7450	2925	3725	6850	8750	3425	4375
2500	3450	4450	1725	2225	4450	5700	2225	2850	5400	6950	2700	3475	6350	8150	3175	4075
3000	3250	4200	1625	2100	4200	5350	2100	2675	5100	6500	2550	3250	6000	7650	3000	3825
3500	3100	4000	1550	2000	3950	5100	1975	2550	4850	6200	2425	3100	5700	7300	2850	3650
4000	2950	3800	1475	1900	3800	4850	1900	2425	4600	5900	2300	2950	5450	6950	2725	3475
4500	2850	3650	1425	1825	3650	4700	1825	2350	4450	5700	2225	2850	5250	6700	2625	3350
5000	2750	3550	1375	1775	3500	4500	1750	2250	4300	5500	2150	2750	5050	6450	2525	3225
5500	2650	3400	1325	1700	3400	4350	1700	2175	4150	5300	2075	2650	4900	6250	2450	3125

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Medium (M)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	
1000	4300	5550	2150	2775	5550	7100	2775	3550	6750	8650	3375	4325	7950	9000	3975	4500
1500	3750	4850	1875	2425	4850	6200	2425	3100	5900	7550	2950	3775	6950	8900	3475	4450
2000	3400	4400	1700	2200	4400	5650	2200	2825	5350	6850	2675	3425	6300	8050	3150	4025
2500	3200	4100	1600	2050	4100	5250	2050	2625	4950	6350	2475	3175	5850	7500	2925	3750
3000	3000	3850	1500	1925	3850	4900	1925	2450	4700	6000	2350	3000	5500	7050	2750	3525
3500	2850	3650	1425	1825	3650	4700	1825	2350	4450	5700	2225	2850	5250	6700	2625	3350
4000	2700	3500	1350	1750	3500	4450	1750	2225	4250	5450	2125	2725	5000	6400	2500	3200
4500	2600	3350	1300	1675	3350	4300	1675	2150	4100	5250	2050	2625	4800	6150	2400	3075
5000	2500	3250	1250	1625	3250	4150	1625	2075	3950	5050	1975	2525	4650	5950	2325	2975
5500	2450	3150	1225	1575	3150	4000	1575	2000	3800	4900	1900	2450	4500	5750	2250	2875

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	High (H)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	
1000	3800	4900	1900	2450	4900	6300	2450	3150	6000	7650	3000	3825	7050	9000	3525	4500
1500	3350	4300	1675	2150	4300	5500	2150	2750	5200	6700	2600	3350	6150	7850	3075	3925
2000	3050	3900	1525	1950	3900	5000	1950	2500	4750	6050	2375	3025	5600	7150	2800	3575
2500	2800	3600	1400	1800	3600	4650	1800	2325	4400	5650	2200	2825	5200	6600	2600	3300
3000	2650	3400	1325	1700	3400	4350	1700	2175	4150	5300	2075	2650	4850	6250	2425	3125
3500	2500	3250	1250	1625	3200	4150	1600	2075	3950	5050	1975	2525	4650	5900	2325	2950
4000	2400	3100	1200	1550	3100	3950	1550	1975	3750	4800	1875	2400	4450	5650	2225	2825
4500	2300	2950	1150	1475	2950	3800	1475	1900	3600	4650	1800	2325	4250	5450	2125	2725
5000	2200	2850	1100	1425	2850	3650	1425	1825	3500	4450	1750	2225	4100	5250	2050	2625
5500	2150	2800	1075	1400	2750	3550	1375	1775	3350	4300	1675	2150	4000	5100	2000	2550

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Very High (VH)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double
1000	3500	4500	1750	2250	4500	5750	2250	2875	5450	7000	2725	3500	6450	8200	3225	4100
1500	3050	3900	1525	1950	3900	5000	1950	2500	4750	6100	2375	3050	5600	7200	2800	3600
2000	2750	3550	1375	1775	3550	4550	1775	2275	4350	5550	2175	2775	5100	6500	2550	3250
2500	2550	3300	1275	1650	3300	4250	1650	2125	4000	5150	2000	2575	4750	6050	2375	3025
3000	2400	3100	1200	1550	3100	4000	1550	2000	3800	4850	1900	2425	4450	5700	2225	2850
3500	2300	2950	1150	1475	2950	3800	1475	1900	3600	4600	1800	2300	4250	5400	2125	2700
4000	2200	2800	1100	1400	2800	3600	1400	1800	3450	4400	1725	2200	4050	5150	2025	2575
4500	2100	2700	1050	1350	2700	3450	1350	1725	3300	4250	1650	2125	3900	4950	1950	2475
5000	2050	2600	1025	1300	2600	3350	1300	1675	3200	4100	1600	2050	3750	4800	1875	2400
5500	1950	2550	975	1275	2550	3250	1275	1625	3100	3950	1550	1975	3650	4650	1825	2325

LOUVRE BANK WIDTH (mm)	MAXIMUM ALLOWABLE SPANS (mm)															
	Extra High (EH)															
	150x50x3mm				200x50x3mm				250x50x3mm				300x50x3.5mm			
	END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM		END BEAM		MID BEAM	
	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double	Single	Double
1000	3300	4200	1650	2100	4200	5400	2100	2700	5150	6550	2575	3275	6050	7700	3025	3850
1500	2850	3700	1425	1850	3650	4700	1825	2350	4500	5750	2250	2875	5300	6750	2650	3375
2000	2600	3350	1300	1675	3350	4300	1675	2150	4050	5200	2025	2600	4800	6100	2400	3050
2500	2400	3100	1200	1550	3100	3950	1550	1975	3750	4850	1875	2425	4450	5700	2225	2850
3000	2250	2900	1125	1450	2900	3750	1450	1875	3550	4550	1775	2275	4200	5350	2100	2675
3500	2150	2750	1075	1375	2750	3550	1375	1775	3350	4300	1675	2150	3950	5100	1975	2550
4000	2050	2650	1025	1325	2650	3400	1325	1700	3200	4150	1600	2075	3800	4850	1900	2425
4500	2000	2700	1000	1350	2550	3250	1275	1625	3100	3950	1550	1975	3650	4650	1825	2325
5000	1900	2600	950	1300	2450	3150	1225	1575	3000	3850	1500	1925	3500	4500	1750	2250
5500	1850	2550	925	1275	2350	3050	1175	1525	2900	3700	1450	1850	3400	4350	1700	2175

- **Clause B2 Durability:** B2.3.1 (b) 15 years
- **Clause E2 External Moisture:** E2.3.1
Roofs must shed precipitated moisture. In locations subject to snowfalls, roofs must also shed melted snow.
- **Clause F2 Hazardous building materials:** F2.3.1
Kudos™ systems manufactured from aluminium extrusion will meet the performance requirement of F2.3.1.

INSTALLATION

Installation of Kudos™ systems is undertaken by Kudos™ approved installers only.

MAINTENANCE

Depending on the local environment, Kudos Louvre roof systems require cleaning annually at a minimum to prevent build up of dirt, debris or other material that is not otherwise removed by rain washing. The surfaces should be cleaned either manually using a soft brush or by means of pressure cleaner (maximum 20 bar) with clean water.

Areas that do not receive adequate rain washing (known as unwashed areas) require more extensive manual washing.

SECTION 26 OF THE BUILDING ACT

Kudos Louvre roof systems are not subject to any warnings or bans under Section 26 of the Building Act.

ENVIRONMENT

Stratco has Toitu Enviromark Gold Certification plus, as approved partners with New Zealand Steel, Stratco are licensed to use the Eco Choice Aotearoa Label for products formed in Colorsteel®, Zinalume® and Galvsteel® as made by New Zealand Steel Ltd. Refer [Eco Choice Aotearoa](#)

All Stratco sites recycle their steel and aluminium scrap/offcuts. Steel and aluminium are infinitely recyclable so at the end of its useful life they can be recycled and remelted for use in other steel/aluminium products.

Appendix

As reference, this appendix contains the full descriptions of all building performance clauses listed in this document.

B1 Structure

B1.3.1

Buildings, building elements and *sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

B1.3.2

Buildings, building elements and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements* and *sitework*, including:

- (b) imposed gravity loads arising from use
- (c) temperature
- (f) earthquake
- (g) snow
- (h) wind
- (j) Impact

B1.3.4

Due allowances shall be made for:

1. the consequences of failure,
2. the intended use of the *building*,
3. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
4. variation in the properties of materials and the characteristics of the site, and
5. accuracy limitations inherent in the methods used to predict the stability of *buildings*

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

(b) 15 years if:

- i. those *building elements* (including the *building* envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or
- ii. failure of those *building elements* to comply with the *building code* would go undetected during normal use of the *building*, but would be easily detected during normal maintenance.

E2 External moisture

E2.3.1

Roofs must shed precipitated moisture. In locations subject to snowfalls, roofs must also shed melted snow.

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.