

## Pedestal Paving supports for Drained decks over waterproofing Membranes

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Nuplex supply these paving supports as shown. These pavers will support wooden squares and concrete or Terrazzo pavers. The Department of Building and Housing now require (E2/AS1. section 7.0 p48-53, fig 14A & 17A, enclosed decks, ie a room underneath) a set-down of 100mm and that deck surfaces are now removable for access to the waterproofing membrane. Deck surfaces may not be directly fixed to the waterproofing surface. These supports will be compliant with that requirement.

Nuplex recommend a **double layer of Soprasun roofing membrane** on a deck. This should be a minimum of 100mm below the door entrance. The use of these supports and a double layer membrane will allow the finished deck surface to be level with the interior floor but still will be compliant with the act as the deck surface is removable for maintenance of the membrane. The supports are detailed as in the table below.

Pedestal	Adjustment Range
8mm Fixed	Fixed, non-adjustable
35mm Fixed	Fixed, non-adjustable
40mm	40 – 67mm
60mm	60 – 90mm
90mm	90 - 150mm
150mm	150 – 260mm
Shock absorber	Soft anti-rocking pad, fits all



### Installation:

The pedestals are simply freestanding on the membrane and the paving set into the corners of the support.

The 4 divider tabs may be broken off for corner or wall side installations. The tabs provide the paver separation that will allow for drainage. The pedestals are adjustable so that a level deck surface is obtained even if there is a strong fall on the deck surface to allow for drainage.

### Specifications

- 1 Base footprint: 200mm diameter; smooth base.
- 2 The top support diameter is 120mm, divided into 4 segments.
- 3 Service temperature (°C) From - 30 to + 87.
- 4 Load bearing capacity: Over 1 tonne loaded on the whole surface. Over 500 kg loaded on one fourth of the surface.
- 5 Coverage (est.): (see chart at rear) 400mm pavers require 7 supports per m<sup>2</sup>. 500mm pavers require 5 supports per m<sup>2</sup>.



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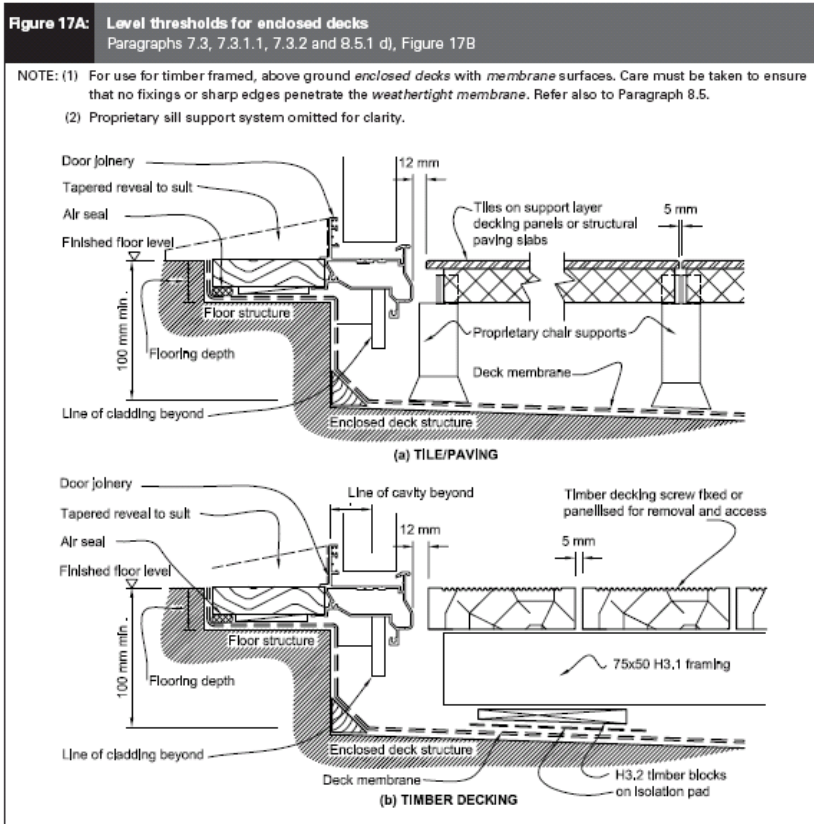


## Waterproofed Decks

- ◆ Double layer Torch-on Soprema **Soprasun** System
- ◆ Raised decks using Nuplex adjustable pedestals (paver supports).

The result:

- ◆ A long-term fully waterproofed deck that provides both the required step-down as well as a true level deck to match your interior floor.
- ◆ An accessible waterproofing that is not damaged by traffic. Ref. E2/AS1



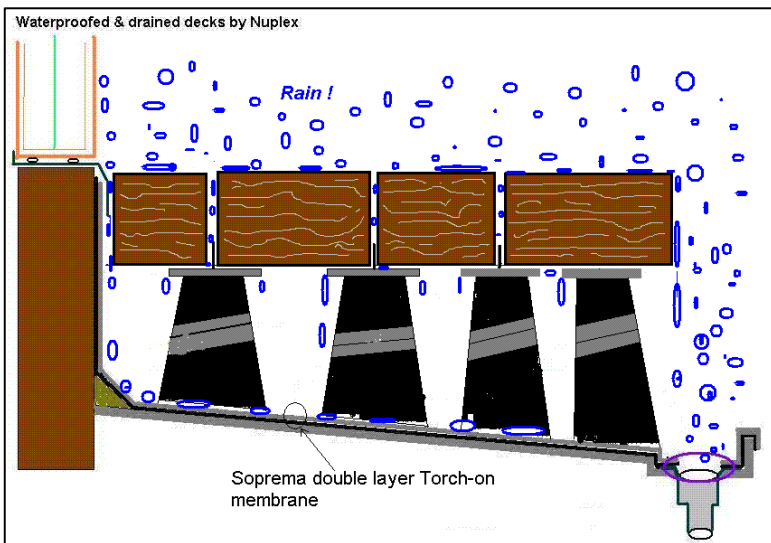
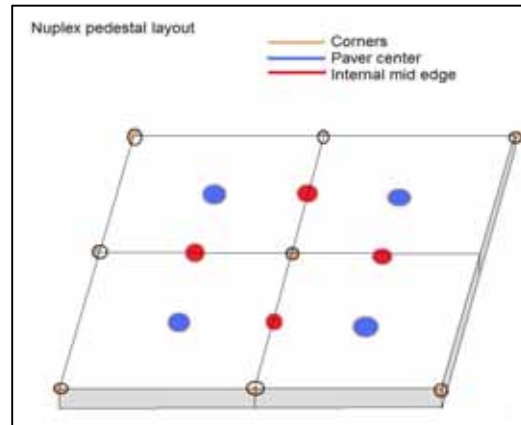
**Nuplex Pedestal  
Estimator**

300 mm square tile				400 mm square tile			
Deck area of m <sup>2</sup>	Corners	Corners & center	Corners, center & internal mid edge	Deck area of m <sup>2</sup>	Corners	Corners & center	Corners, center & internal mid edge
10	130	250	450	10	80	140	250
25	313	591	1113	25	183	340	628
50	607	1163	2224	50	351	664	1250
100	1179	2291	4447	100	676	1300	2500
200	2324	4547	8891	200	1326	2576	5000
400	4579	9024	17780	400	2600	5100	10000
500	5707	11263	22224	500	3240	6360	12500
600	6835	13502	26669	600	3876	7630	15000
800	9090	17979	35557	800	5150	10150	20000
1000	11234	22257	44091	1000	6426	12676	25000

500 mm square tile				600 mm square tile			
Deck area of m <sup>2</sup>	Corners	Corners & center	Corners, center & internal mid edge	Deck area of m <sup>2</sup>	Corners	Corners & center	Corners, center & internal mid edge
10	54	94	161	10	40	68	113
25	120	220	400	25	88	158	280
50	230	430	800	50	165	300	560
100	440	840	1600	100	310	600	1110
200	860	1660	3200	200	600	1160	2220
400	1680	3280	6400	400	1180	2290	4440
500	2090	4090	8000	500	1465	2850	5550
600	2500	4900	9600	600	1750	3420	6660
800	3320	6520	12800	800	2320	4550	8890
1000	4130	8130	16000	1000	2890	5670	11110

This data is an estimate that depends on exact deck shape. Please check your own calculations and requirements.



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