

Welcome to 40 years of waterproofing history in New Zealand and the Asia Pacific Region.

Our network of Applicators provides specifiers and property managers with the highest quality service, workmanship and finish on site. We are proud to work closely with them. As our clients, you can be confident of receiving sound technical information and warranted performance with tested and proven Nuralite systems.

Nuralite Systems and services are applicable to the full spectrum of buildings and structures from repairs on small remote cottages to the roofing of new hospitals, power-stations, universities and government buildings.

History has shown us that if a job fails, the root cause is often the membrane being laid on top of a badly constructed substrate. This general guide has been developed to assist builders to construct substrates which will function well beneath a Nuralite membrane system.

Being a guide, the project specifications take precedence over this checklist, so they should be consulted carefully before commencing work.

Any questions should be directed to your applicator or Nuralite technical support on 0800 Nuralite or 09 579 2046.

## ***E2/AS1 Minimum Falls (cl.8.5.1)***

1:40/1.5° for roofs  
1:60/1.0° for decks  
1:100/0.5° for gutters.

Please note that these may vary between councils.  
Always seek better than minimum falls if possible

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## Plywood Substrate

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Project Name: \_\_\_\_\_

Form Completed by: \_\_\_\_\_

Company: \_\_\_\_\_

Area ready: \_\_\_\_\_

Applicator \_\_\_\_\_

H3.2 treated plywood sheets used, 17mm thick for roofs, 20mm thick for decks.

Plywood sheets supported by joists and nogs at maximum 400mm centers in both directions, unless specified otherwise.

Sheets stagger lay (fully offset) with the face grain at right angles to the primary supports

All sheet edges supported by nogs, fixed 100mm on edges and 200mm through girth, edges butt-jointed with no gaps except at abutments.

Sheets glued in place and then fixed using 316 grade Stainless Steel 10 gauge countersunk screw fixings.

All decks and gutters have correct falls once installed.

Fillets installed to all internal junctions and neatly fitted with mitres neatly formed.

Rainwater outlets and overflow recesses formed to fit outlets rebated into the surface.

5mm clearances from all abutments, 5mm radius to all exposed edges.

Sharp edges and lips removed and cavities filleted. All joints flush.

Substrate dry, clean, firm and suitable condition for laying .

Notes

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Signed:

Date:

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## Concrete Substrate

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Project Name: \_\_\_\_\_

Form Completed by: \_\_\_\_\_

Company: \_\_\_\_\_

Area ready: \_\_\_\_\_

Applicator \_\_\_\_\_

Concrete cured and thoroughly dry over a minimum of 28 days.

Surface smooth and clean with correct drainage falls.

Cavities and cracks filled with repair mortar, flushed off and cured.

Concrete surface firm with any soft concrete or laitance removed.

Roof drains and overflow recesses formed to fit rebated outlets.

Mortar or Profili bitumen fillets to all upstands and smooth 5mm radius to all external edges

If terminating into a chase, pre-form the chase and ensure it's straight and 20mm deep.

Plinths formed for any exterior ventilation, fixtures or similar.

Substrate clean, firm and suitable condition for laying the Nuralite system s.

Notes

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Signed:

Date: