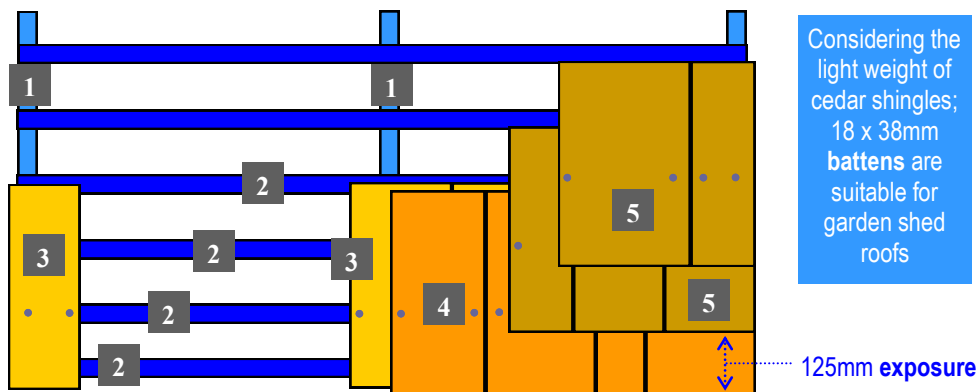


Congratulations on your purchase of NBP Cedar Shingles from Canada!

Follow these simplified instructions to ensure a long and healthy life for your garden shed or re-roofing project. Standard installation of cedar shingles leaves 125mm exposed. For installation details on larger chalets or main structures, contact your local NBP Dealer.

Battens. For best results, all wood shingles should be installed over counter battens in order to properly ventilate the shingles that readily absorb and release moisture. Openings at eaves level as well as at the ridge will allow free flow of air from eave to ridge. There is no need for a plywood or sterling board beneath to support the shingles. There is no need to remove old shingles (*wood or bitumen*), as battens can be applied directly over old roof (*making sure nails or screws are long enough to secure vertical battens to shed rafters below*).



Considering the light weight of cedar shingles; 18 x 38mm battens are suitable for garden shed roofs

1. Nail or screw 18 x 38mm vertical battens at 600mm centres or in line with rafters below.
2. Nail or screw 18 x 38mm horizontal battens over vertical battens at 125mm intervals except for first interval of 105mm, reduced to account for 2cm under-course over-hang.
3. Extend shingle under-course 2cm beyond batten rake and 2cm below batten at eaves drive 2 nails per shingle each 2cm from shingle edge through batten centres & 4cm above the exposure line. Drive nails flush with but do not bury into cedar shingles.

Nails should be 31mm long. If ACQ treated shingles are used, nails should be stainless steel. For natural (ie. untreated) shingles, galvanised nails are suitable.

4. Extend 1st shingle course 2cm beyond batten verge (in line with under-course) and 4cm below batten (2cm below under-course) at eaves.
5. Using chalk line to guide, install 2nd and subsequent courses at 125 mm intervals.

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Ridge vents (shown here) are easy to install and allow air to exit while prohibiting infiltration. Proper ventilation is a key factor in wood roof life expectancy.

