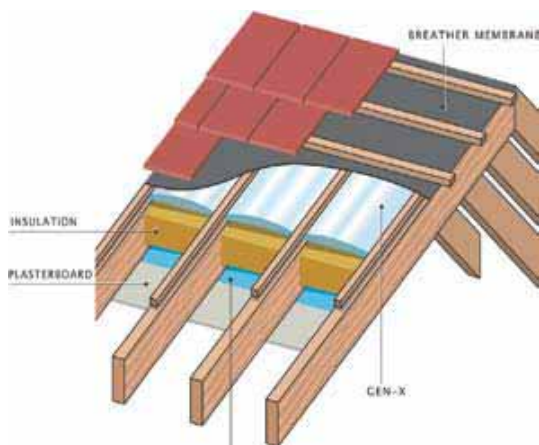


Installation Examples for Gen-X Heat Reflecting Insulation

Installation above Rafters



Step 1

Starting from the eaves. Gen-X is unrolled across the rafters.

Step 2

Fix to the rafters using 14mm min galvanised staples or nails, keeping Gen-X taut between each rafter.

Step 3

Permanently fix Gen-X in place by nailing or screwing to 32 x 25mm min wooden counter battens down each rafter.

Step 4

Overlap next roll by at least 50mm and seal this overlap with the adhesive tape supplied.

Step 5

Remove excess Gen-X using sharp scissors or knife. At gable ends, ridge and verges allow at least 50mm. This edge should be folded and stapled/nailed and the cut edge sealed with Gen-X Tape.

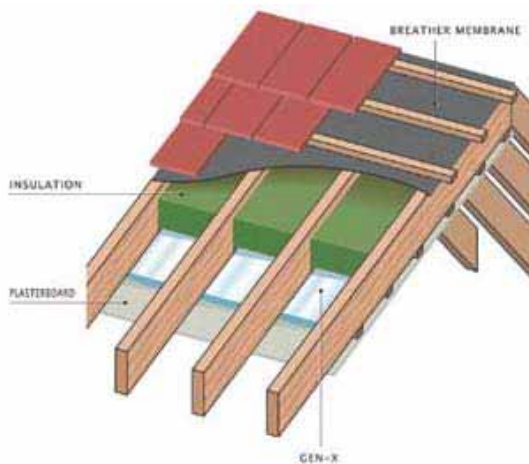
Step 6

A breathable roofing membrane should be installed on the counter battens and tiling battens attached perpendicular to rafters.

Step 7

Install roof tiles or slates.

Installation below Rafters



Step 1

Starting from the ridge. Gen-X is unrolled across the rafters.

Step 2

Fix to the rafters using 14mm min galvanised staples or nails, keeping Gen-X taut between each rafter.

Step 3

Permanently fix Gen-X in place by nailing or screwing to 32 x 25mm min wooden battens parallel or perpendicular to the rafters. Ensure there is a 20mm min gap by fixing the batten on the 25mm face.

Step 4

Overlap next roll by at least 50mm and seal this overlap with the adhesive tape supplied.

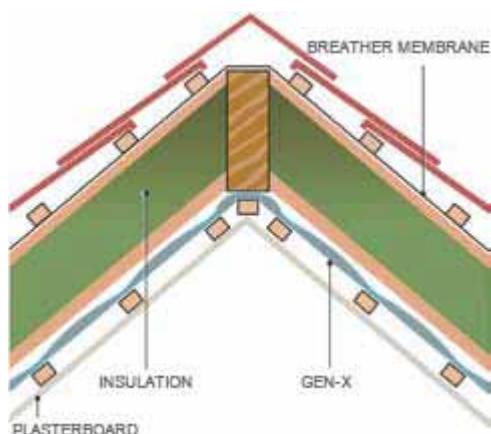
Step 5

Remove excess Gen-X using sharp scissors or knife. At gable ends, ridge, purlins and wall plate allow at least 50mm. This edge should be folded and stapled/nailed and the cut edge sealed with Gen-X Tape.

Step 6

Fix plasterboard to the battens.

Fitting an Additional Insulation



When Gen-X is used with other insulation materials, care should be taken that all air gaps are maintained in accordance with manufacturer's instructions for an unventilated pitched roof.

Gen-X should be installed in accordance with BBA certificate no. 08/4543.



Gen-X Heat Reflecting Insulation form nbs

Gen-X roll size	33mm thick x 1.2m wide x 12.5m = 15m ² per roll.
Insulating layers	Seven within the 33mm thickness.
Weight per roll	13kg.
R - value	1.9m ² kW
Resistance to tearing	300 to 450N (Nail shank) BS EN 21310-1
Flammability	Class E to BS EN ISO 11925-2

Nbs3 GEN-X 11.03.2010

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Gen-X insulation is conveniently available from:

nationwide
build
shoplimited www.nbs-home.co.uk