HUNTON

INSTALLATION INSTRUCTIONS

NATIVO® BOARDS

Hunton Nativo® Wood Fibre Insulation may be used for new buildings and renovation projects. The boards are made from spruce chips from Norwegian forests; they are age-resistant, easy to install and pleasant to work with.

TEKNISK GODKJENNING
TG 20440
SINTEF Certification

V01 – 22

1 Before you begin

Nativo® Wood Fibre Insulation must be stored in a dry location and protected against rain and snow. The moisture content in the boards before installation must not exceed 10% (weight percentage water). Do not remove packaging before the pallet is safely positioned on a firm, even surface. Avoid storage in damp areas or in buildlings/rooms with high residual humidity.

Terms of use

Humidity in construction

- Before installing Nativo Plates, make sure that the moisture content of the construction is low enough for insulation and installation of damp proofing/ barrier in accordance with your local building regulations.
- Prevent insulation from getting wet during construction.
- This is particularly important in constructions with low drying ability, and stricter regulations as to moisture content may apply before closure.

Cladding

- To function as intended, Nativo Insulation requires external installation of complete vapour-diffusing wind-proofing.
- Internally, a moisture barrier or membrane with a minimum 5m Sd-value must be used to avoid significant moisture migration in the wall. This must be installed immediately after the insulation.

2 Installation

Nativo Wood Fibre Insulation is installed in the same way as other types of thermal insulation.
Boards should be slightly overcut in order to close tightly against posts, rafters, beams, sills, etc., and without open gaps in butt joints between the boards. Oversizing can mean the boards have to be compressed vertically with a degree of tension. When installing in several layers, position the boards with the joints offset.

Fitting

We advise using the Hunton cutting table and hand saw/knife, specially designed for cutting Nativo boards. The Festool ISC 240 electrical insulation saw can also be used and fits our cutting table.
Cut the boards oversized.

Installation

When insulating a wall, always start at the bottom and work upwards, making sure the insulation sits snugly before installation of the next board to avoid settlement after installation.

3 HSE/Waste management

HSE
Nativo Wood Fibre Insulation does not irritate the skin, eyes or airways and is completely non-hazardous when normally used. Thus insulation installation is possible without the use of gloves. We nevertheless recommend the use of protective glasses and a dust mask for prolonged work with the material. This corresponds with recommendations that generally apply to the handling, sawing and sanding of wood.

Waste dispo
The product is to be sorted as wood on site/ for disposal and is to be delivered to an approved waste disposal plant for energy recovery. The packaging is to be sorted as plastic on site.

4 Technical information

Property/characteristic	Performance/class	Standard
Fire class	Class E	EN15101:2013
Thermal resistance	0.038 (W/m*K)	EN15101:2013
Vapour resistance	3–5	NS-EN ISO 12086
Specific heat capacity	2100 (J/kg*K)	
Density	50 kg/m^3	
Air flow resistance	6 kPa s/m^2	NS-EN 13171:2012+A1:2015

Nativo Wood Fibre Insulation waste code: 030105 / 170201

Supplementary products

Intello+

Hunton Tescon Vana

Hunton Cutting Table

Hunton Wind-proofing

Hunton knife

Hunton saw

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Why choose Hunton Nativo® wood fibre insulation?

Renewable raw material that stores carbon
Nativo Wood Fibre Insulation is largely made of wood fibre: a natural, renewable raw material.
All chips come form 100% PEFC certified forestry, which means that the forest is managed in accordance with strict regulations. Wood fibre insulation contributes to a reduced carbon footprint as it stores carbon throughout the product's life cycle.

Insulate without itching and discomfort
Nativo Wood Fibre Insulation does irritate the skin or airways. Either during installation or subsequent use of the building.

Hygroscopic material
Nativo Wood Fibre Insulation has hygroscopic properties, which means that it deals with condensation and reduces moisture damage.

Dimensionally stable
Nativo Wood Fibre Insulation is dimensionally stable whether you use boards or blown-in insulation. The wood fibre's natural ability to reduce air movement in the insulation provides good sealing around windows and studs. Blown-in insulation also fills cavities and holes in the construction extremely well.

Sound absorbent
Nativo Wood Fibre Insulation has excellent sound absorbent properties. Wood fibre insulation has soft fibres, and also consists of more mass (kg) pr. m^3. This means that wood fibre insulation absorbs and dampens sound very well.

Added fire retardant
Nativo Wood Fibre Insulation is impregnated with a fire retardant and satisfies Euroclass E. It can be used in fire class 1 and in buildings up to three storeys.