



**natureplus**  
Internationaler Verein für zukunftsfähiges  
Bauen und Wohnen e.V.

# ZERTIFIKAT über die Vergabe des Qualitätszeichens CERTIFICATE for the award of the quality label CERTIFICAT pour l'attribution du label de qualité

Product Tested

## **THERMOFLOC Blow-in insulation**

Cellulose blow-in insulation from the Feistritz/Drau production site

Manufacturer/Distributor

**Peter Seppel GmbH, Bahnhofstraße 79, 9710 Feistritz/Drau, Germany**

Certificate Number

**0107-1301-121-1**

Applications

Void insulation for walls, roofs and attics

Properties

- Thermal conductivity (rated value) EN 10456:  $\lambda_D$  0.039 W/m<sup>2</sup>K
- Vapour diffusion resistance coefficient:  $\mu = 1$
- Fire resistance: B-s2, d0
- Mould growth resistance: Class 0
- Completely safe to reuse/recycle

Composition

Old paper, mineral-based flame retardant

Test Scope

The evaluation of the product life-cycle, the toxic and environmentally-relevant components and the functional suitability of the product.  
At the request of the manufacturer, natureplus® tested a sample of THERMOFLOC blow-in insulation in accordance with the requirements of the awardance guidelines RL0000 Basic Criteria, RL0100 Insulation Materials from Renewable Raw Materials, RL0107 Blown-in, Cellulose-Based Insulation.

Test Result

The results are contained in the detailed test report 2404-HP. **THERMOFLOC blow-in insulation** fulfils the strict requirements of the natureplus®-awardance guidelines. It is manufactured completely from **mineral and renewable raw materials**. The production facility complies with **modern standards** in respect to its energy efficiency. The product complies with the natureplus thresholds for toxic substances. **No negative environmental or user-related influences** are expected during the usage period.

The Environment

- Renewable raw materials: 91.6 %
- Non-renewable energy sources < 50 MJ/FU
- Global warming potential < 2.0 kg CO<sub>2</sub>-eq./FU
- Ozone destruction potential < 2.00E-06 kg R11/FU
- Photo-smog < 2.00E-03 kg Ethylene/FU
- Acidification < 0.020 kg SO<sub>2</sub>-eq./FU

Health

- Low odour level (odour intensity < 3)
- No toxic heavy metals
- Mineral-based flame retardant, 100% free from borate
- Mould growth resistance: Class 0, no fungus development

Certificate Validity

**January 2016**

Neckargemünd, 2013-03-05

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