



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

ZERTIFIKAT

über die Vergabe des Qualitätszeichens

CERTIFICATE

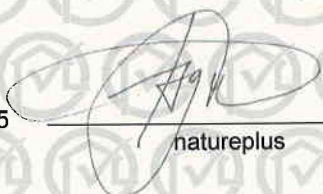
for the award of the quality label

CERTIFICAT

pour l'attribution du label de qualité

Product Tested	THERMOFLOC Blow-in insulation
Manufacturer/Distributor	Cellulose blow-in insulation from the Feistritz/Drau production site Peter Seppel GmbH, 9710 Feistritz/Drau, Austria
Certificate Number	0107-1301-121-1
Applications	Void insulation for walls, roofs and attics
Properties	<ul style="list-style-type: none">• Thermal conductivity (rated value) EN 10456: AD 0.039 W/m²K• 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	<ul style="list-style-type: none">• Renewable raw materials: 91.6 %• Non-renewable energy sources < 50 MJ/FU• Global warming potential < 2.0 kg CO₂-eq./FU• Ozone destruction potential < 2.00E-06 kg R11/FU• Photo-smog < 2.00E-03 kg Ethylene/FU• Acidification < 0.020 kg SO₂-eq./FU
Health	<ul style="list-style-type: none">• 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



natureplus