



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

Geprüfte Produkte
Tested products
Produits testés

Hersteller/Vertreiber
Manufacturer/Distributor
Producteur/Distributeur

Produktart
Type of product
Nature du produit

Zertifikatsnummer
Number of certificate
Numéro de certificat

Prüfumfang
Test program
Étendue du test

Prüfergebnis
Test result
Résultat du test

Gültigkeit des Zertifikats
Validity of certificate
Validité du certificat

Mehrschichtmassivholzplatte SWP in Fichte
(multilayer solid wood panel)

AGROP NOVA a.s.
CZ-79843 Pteny
Tschechien

Verleimte Holzbauteile für tragende Zwecke
Glued timber construction components for basic purposes
Parties de bois cimentées pour des buts porteurs

0211-0803-075-1

Umwelt – Gesundheit – Funktion

Produktlebenslinie
Laborprüfung (Inhaltsstoffe und Emissionen)
Gebrauchstauglichkeit

Environment – Health – Function

Life cycle evaluation
Laboratory test (content and emissions)
Fitness for use

Environnement – Santé – Fonction

Cycle de vie du produit
Test en laboratoire (composants et émissions)
Aptitude à l'usage

Das Produkt/die Produkte erfüllt/erfüllen die strengen
Anforderungen der natureplus-Vergaberichtlinie
RL0211 Verleimte Holzbauteile für tragende Zwecke

The product/the products fulfill/fulfills the stringent
Requirements of the natureplus awardguidelines
RL0211 Glued timber construction components for basic purposes

Le(s) produit(s) mentionné(s) ci-dessus remplit/remplissent
Les exigences strictes des directives pour l'attribution de
Contrats de natureplus RL0211 Parties de bois cimentées pour des buts

März / March / Mars 2014

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Prüfinstitut/Test Institute/Institute de Contrôle
IBO, Wien

Neckargemünd, 2011-9-26



Product Tested

Manufacturer/Distributor

Certificate Number

Applications

Properties

Composition

Test Scope

Test Result

The Environment

Health

Certificate Validity

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Multilayer Solid Timber Boards SWP 1, 2, 3

Adhesive-bonded, timber building elements for structural applications produced in the Pteni manufacturing plant

AGROP NOVA a.s., Ptenický Dvorek 99, CZ-79843 Pteni

0211-0803-075-1

Multilayer, solid timber boards for structural construction purposes. Suitable for all applications in which the use of veneered plywood or solid timber boards as per DIN 1052:2008-12 are permitted. Especially suited as a structural bearer and stiffening cladding for walls, ceilings and roof areas for timber buildings constructed using panels.

- Thicknesses 14-60 mm; Standard width 1040-2500 mm; Standard length 2500-6000 mm
- Thermal conductivity as per EN 13986 0.13 W/m K
- Specific heat capacity cp 1600 J/kg K

Sawn spruce timber; melamine-urea-formaldehyde adhesive; other adhesives

The evaluation of the product life-cycle, the emission characteristics, the toxic and environmentally-relevant components and the functional suitability of the product. At the manufacturer's request, natureplus® tested samples of the multilayer solid timber boards SWP 1, SWP 2 and SWP 3 to ensure their compliance with the requirements of the awardance guidelines RL0000 Basic Criteria, RL 0200 Timber and Wood Materials and RL 0211 Adhesive Bonded Wood Products For Construction Purposes.

The results are comprehensively detailed in test report np-W-2011-171. The **multilayer solid timber boards SWP 1, SWP 2 and SWP 3** fulfil the strict requirements of the natureplus®-awardance guidelines. They are primarily manufactured from **renewable raw materials**. The production facility complies with **modern standards** in respect to its energy efficiency. **No negative environmental or user-related influences** are expected during the usage period.

- Renewable raw materials >94%
- Timber sourced from sustainable forestry plantations
- Non-renewable energy sources <14 MJ/kg
- Global warming potential <2.5 kg CO₂equiv./ kg
- Over-fertilization potential <0.0015 kg Phosphate-equiv./kg
- Photosmog <0.0012 kg Ethylene-equiv./ kg
- Acidification <0.004 kg SO₂equiv./ kg

- Halogen-organic compounds <1 mg/kg
- Low emission levels (TVOC <300 µg/m³, SVOC < 100 µg/m³)
- Low odour level (Odour intensity <3)

March 2014

Neckargemünd, 2012-03-05

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