

# Classification Report Reaction to fire of building elements

Nr. 11-001299-PR03  
(KB-F08-01-en-01)

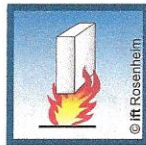
Translation of Classification report 11-001299  
-PR02 (KB-F08-01-de-01) dated 25. July 2011.

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96257 Redwitz a. d. Rodach  
Client Germany

ift Rosenheim GmbH  
Theodor-Gietl-Straße 7-9  
D-83026 Rosenheim  
Notified body  
Number of notified body 0757  
Issue number 1

Object terrace floorings / planks made of WPC

Designation "WPC Terrassendiele DIE BELIEBTE"



Classification of reaction to fire  
DIN EN 13501-1

**Class E**

ift Rosenheim  
18. August 2011

Mathias Rauh, Dipl.-Ing. (FH) PÜZ  
pp Head of Testing Department  
Building elements  
Fire safety



Robert Stärz  
Tester  
Fire safety



## Basics

DIN EN 13501-1:2007+A1:2009  
Fire classification of construction products and building elements  
Part 1: Classification using test data from reaction to fire tests

## Instructions for use

This classification report on fire behaviour defines the classification assigned to the material according to product name in compliance with the procedure according to DIN EN 13501-1.

This document is no type approval or product certification.

## Validity

The data and results named only refer to the tested and described test specimen.

## Publication notes

The ift guidance sheet "Conditions and Instructions on the Use of ift Test Documentation" applies.

This classification report must not be used or reproduced in excerpts.

## Content

This verification comprises 7 pages in total

- Introduction
- Details on the classified product
- Test reports and results as a basis for this classification
- Classification and area of application
- Limitations

# SERTIFIKAT

2012 – 11

for terrassebord i trepolymerkompositt (WPC)

Terrassebordet

Die Beliebte

fra produsenten

**NATURinFORM GmbH**  
**96257 Redwitz an der Rodach, Tyskland**

tilfredsstiller, i henhold til de dokumenterte resultatene ved eksternekontrollen hos det anerkjente kontrollinstituttet

**Fraunhofer WKI, Bienroder Weg 54 E, 38108 Braunschweig, Tyskland**

samt den etterfølgende førsteinspeksjonen og kontrollen av produsentens fortløpende egenkontroll fra Qualitätsgemeinschaft Holzwerkstoffe e. V.\*, Ursulum 18, 35396 Giessen, Tyskland, kravene i henhold til kvalitets- og kontrollbestemmelsene for trepolymerkompositter (utgave 1. oktober 2011).

**Produsenten (har dermed tillatelse) er dermed berettiget til å bruke kvalitetsstempleet**



- Skogstrær  
(fra bærekraftig skogsdrift)
- Industripolymer  
(sortsren)

Sertifikatet utstedes med en gyldighet på 12 måneder og gjelder så lenge de ovennevnte kontrollbetingelsene ikke endres og produsentens kvalitetskrav til produktet overholdes.

Gießen, 16. februar 2012

  
Dr. Peter Sauerwein  
Leder sertifiseringsinstitutt

Fraunhofer-Institut für Holzforschung  
 Wilhelm-Klauditz-Institut WKI

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 Mr. Horst Walther  
 NATURinFORM GmbH  
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Braunschweig, March 10, 2012

**English summary of report (20-2-2012): Evaluation of the resistance of WPC decking profiles against wood-destroying fungi (basidiomycetes).**

Client: NATUR-in-FORM GmbH, Flurstrasse 7, 96257 Redwitz an der Rodach, Germany.

According to our report from February 20, 2012, WPC-decking profiles manufactured by company NATUR-in-FORM were evaluated regarding their resistance against wood-destroying fungi (basidiomycetes).

The tests were performed according to modified DIN ENV 12038 (Durability of wood and wood-based products – Wood-based panels – Method of test for determining the resistance against wood-destroying basidiomycetes; 2002).

The tested WPC were allocated to a durability class according to the following provisional durability rating scale from DIN CEN/TS 15083-1 (Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods – Part 1: Basidiomycetes; 2005):

Durability class	Description	Per cent loss in mass
1	Very durable	≤ 5
2	Durable	> 5 to ≤ 10
3	Moderately durable	> 10 to ≤ 15
4	Slightly durable	> 15 to ≤ 30
5	Not durable	> 30

The tested WPC-decking profiles of NATUR-in-FORM were allocated to **durability class 1 (very durable)** according to DIN CEN/TS 15083-1 (2005).



i.A. Dr. Arne Schirp

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