

Test Report

DS/CEN/TS 15083-1 in accordance with EN 73

Report no.: 681780-6



**TEKNOLOGISK
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Page 1 af 1
Initials: troj/elm/hbs
Order no.: 681780
Appendices: 2

Assignor: WTT Holding ApS
Attn.: Peter Klaas
Jyllandsvej 9
7330 Brande
Denmark

Material: Scots pine sapwood, *Pinus sylvestris* sapwood of Swedish origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 19-10-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 7.1 %	Medium intensity 6.1 %	High intensity 5.0 %
<i>Coniophora puteana</i> . BAM Ebw. 15	3	1	1
<i>Poria placenta</i> . FPRL 280	4	3	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	4	3	1

Detailed results are given in Appendix 2.

Storage: The test material will be destroyed after 3 month, unless otherwise agreed.

Terms: The accredited test was carried out according to DANAK's general conditions see www.danak.dk and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

Date/place: 24-10-2017, Teknologisk Institut, Wood and Biomaterials, Taastrup


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Co-signatory



 **DANAK**
TEST Reg.no. 2

Test Report

DS/CEN/TS 15083-1 in accordance with EN 84

Report no.: 681780-1



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Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 24-07-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 7.1 %	Medium intensity 6.1 %	High intensity 5.0 %
<i>Coniophora puteana</i> . BAM Ebw. 15	4	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	4	1	1

Detailed results are given in Appendix 2.

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Date/place: 28-08-2017, Teknologisk Institute, Wood and Biomaterials, Taastrup


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 **DANAK**
TEST Reg.no. 2

Test Report

DS/CEN/TS 15083-1 in accordance with EN 73

Report no.: 681780-8



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Initials: troj/elm/hbs
Order no.: 681780
Appendices: 2

Assignor: WTT Holding ApS
Attn.: Peter Klaas
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Material: Scots pine heartwood (*Pinus sylvestris*, L.) of Swedish origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 19-10-2017.

Results: Durability class according to DS/EN 350 (2016).

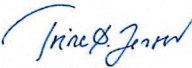
Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 6.1 %	Medium intensity 5.6 %	High intensity 5.4 %
<i>Coniophora puteana</i> . BAM Ebw. 15	1	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	4	1	1

Detailed results are given in Appendix 2.

Storage: The test material will be destroyed after 3 month, unless otherwise agreed.

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TEST Reg.no. 2

Test Report

DS/CEN/TS 15083-1 in accordance with EN 84

Report no.: 681780-3



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Order no.: 681780
Appendices: 2

Assignor: WTT Holding ApS
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Denmark

Material: Scots pine heartwood (*Pinus sylvestris*, L.) of Swedish origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 24-07-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 6.1 %	Medium intensity 5.6 %	High intensity 5.4 %
<i>Coniophora puteana</i> . BAM Ebw. 15	3	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	4	1	1

Detailed results are given in Appendix 2.

Storage: The test material will be destroyed after 3 month, unless otherwise agreed.

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Test Report

DS/CEN/TS 15083-1 in accordance with EN 73

Report no.: 681780-7



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Initials: troj/elm/hbs
Order no.: 681780
Appendices: 2

Assignor: WTT Holding ApS
Attn.: Peter Klaas
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Denmark

Material: Beech (*Fagus sylvatica*, L.) of Danish origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 19-10-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 6.6 %	Medium intensity 7.0 %	High intensity 5.6 %
<i>Coniophora puteana</i> . BAM Ebw. 15	1	1	1
<i>Poria placenta</i> . FPRL 280	1	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	1	1	1

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 **DANAK**
TEST Reg.no. 2

Test Report

DS/CEN/TS 15083-1 in accordance with EN 84

Report no.: 681780-2



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Order no.: 681780
Appendices: 2

Assignor: WTT Holding ApS
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Denmark

Material: Beech (*Fagus sylvatica*, L.) of Danish origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 24-07-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 6.6 %	Medium intensity 7.0 %	High intensity 5.6 %
<i>Coniophora puteana</i> . BAM Ebw. 15	1	1	1
<i>Poria placenta</i> . FPRL 280	1	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	1	1	1

Detailed results are given in Appendix 2.

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Test Report

DS/CEN/TS 15083-1 in accordance with EN 73

Report no.: 681780-9



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Initials: troj/elm/hbs
Order no.: 681780
Appendices: 2

- Assignor:** WTT Holding ApS
Attn.: Peter Klaas
Jyllandsvej 9
7330 Brande
Denmark
- Material:** Norway spruce (*Picea abies*, (L.) Karst.) of Norwegian origin.
- Method:** Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products - Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*
- Period:** The test was carried out from 12-12-2016 to 19-10-2017.
- Results:** Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 7.0 %	Medium intensity 5.9 %	High intensity 4.9 %
<i>Coniophora puteana</i> . BAM Ebw. 15	2	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	4	1	1

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Test Report

DS/CEN/TS 15083-1 in accordance with EN 84

Report no.: 681780-4



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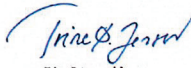
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Initials: troj/elm/hbs
Order no.: 681780
Appendices: 2

- Assignor:** WTT Holding ApS
Attn.: Peter Klaas
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Denmark
- Material:** Norway spruce (*Picea abies*, (L.) Karst.) of Norwegian origin.
- Method:** Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*
- Period:** The test was carried out from 12-12-2016 to 24-07-2017.
- Results:** Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 7.0 %	Medium intensity 5.9 %	High intensity 4.9 %
<i>Coniophora puteana</i> . BAM Ebw. 15	4	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	2	1	1
Durability class	4	1	1

Detailed results are given in Appendix 2.

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- Date/place:** 28-08-2017, Teknologisk Institute, Wood and Biomaterials, Taastrup


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Test Report

DS/CEN/TS 15083-1 in accordance with EN 73

Report no.: 681780-10



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Order no.: 681780
Appendices: 2

Assignor: WTT Holding ApS
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Material: Radiata pine sapwood (*Pinus radiata*, D. Don) of New Zealand origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 19-10-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 7.0 %	Medium intensity 6.0 %	High intensity 5.2 %
<i>Coniophora puteana</i> . BAM Ebw. 15	3	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	1	1	1
Durability class	4	1	1

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 **DANAK**
TEST Reg.no. 2

Test Report

DS/CEN/TS 15083-1 in accordance with EN 84

Report no.: 681780-5



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Material: Radiata pine sapwood (*Pinus radiata*, D. Don) of New Zealand origin.

Method: Test according to DS/CEN/TS 15083-1 2005: *Durability of wood and wood-based products – Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes.*

Period: The test was carried out from 12-12-2016 to 24-07-2017.

Results: Durability class according to DS/EN 350 (2016).

Fungi	Equilibrium moisture content @ 65 % RH		
	Low intensity 7.0 %	Medium intensity 6.0 %	High intensity 5.2 %
<i>Coniophora puteana</i> . BAM Ebw. 15	3	1	1
<i>Poria placenta</i> . FPRL 280	4	1	1
<i>Trametes versicolor</i> . CTB 863 A	2	1	1
Durability class	4	1	1

Detailed results are given in Appendix 2.

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