

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0502-CPR-10070

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Fire retardant wooden components for use in suspended ceilings

Reaction to fire: B-s2,d0 according to EN 13501-1

DERAKO Solid Wooden Ceilings Systems; horizontal or vertical wooden components made from timber species as mentioned in Annex 1

produced by and in the manufacturing plant at:

Derako International B.V.

Kanaalkade 66

1756 AD 'T ZAND (N.H.)

THE NETHERLANDS

Postbus 32

1756 ZG 'T ZAND (N.H.)

THE NETHERLANDS

Tel: +31 (0)224 59 23 40

Fax: +31 (0)244 59 23 59

E-mail: info@derako.com

Website: http://www.derako.com

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard **EN 13964:2014**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the **constancy of the performance of the construction product**.

This certificate was first issued on **9 September 2008** and will remain valid as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by SKH.

On behalf of SKH:

drs. H.J.O. van Doorn

Director

Date: **28 May 2020**

Supersedes version: **1 April 2017**

The validity of the certificate may be confirmed at the SKH-website: www.skh.nl
Reproduction of the complete certificate is allowed
The certificate and all copies shall be returned to SKH immediately on request



ANNEX 1*

Certificate of constancy of performance, number 0502 -CPR-10070

In this annex are mentioned the timber species treated with Leegwater Houtbereiding Flame Delay PT and restrictions for use in fire retardant suspended ceilings certificate 0502-CPR-10070 valid for fire class B-s2, d0.

- Wood species mentioned in table 1: B-s2, d0;
- For use classes 1 and 2 (according EN 335);
- With an open joint with a maximum span of 6 mm;
- Thickness 15 mm to 23 mm with a width of 60 to 140 mm;
- Thickness 23 mm to 44 mm with a width of 140 mm to 195 mm;
- Without finishing and with finishing according to table 2.

Table 1:

Wood species vacuum pressure treated with fire retardant Leegwater Houtbereiding Flame Delay PT.

Wood specie	Scientific name	Fire class according to EN 13501-1	Retention Flame Delay PT		Type/scope
			kg/m ³	g/m ²	
Ayous	<i>Triplochiton scleroxylon</i>	B-s2, d0	46,3	295	Horizontal or vertical wooden components for use in suspended ceilings according to EN 13964:2014
Douglas/Oregon pine	<i>Pseudotsuga menziesii</i>	B-s2, d0	48,3	308	
Eiken	<i>Quercus spp</i>	B-s2, d0	42,1	268	
Essen	<i>Fraxinus excelsior</i>	B-s2, d0	47,8	305	
Grenen	<i>Pinus sylvestris</i>	B-s2, d0	45,9	292	
Lariks	<i>Larix decidua</i>	B-s2, d0	17,7	113	
Vuren	<i>Picea abies</i>	B-s2, d0	44,3	283	
WRC	<i>Thuja plicata</i>	B-s2, d0	37,7	240	
Yellow poplar	<i>Liriodendron tulipifera</i>	B-s2, d0	45,2	288	
Thermo Ayous	<i>Triplochiton scleroxylon</i>	B-s2, d0	39,3	251	
Thermo Frake	<i>Terminalia superba</i>	B-s2, d0	47,9	305	
Thermo Vuren	<i>Picea abies</i>	B-s2, d0	42,2	269	

Table 2:

Coatings in combination with Flame Delay PT vacuum pressure treated timber used in suspended ceilings according EN 13964:2014.

FProducer	Type	Colour	Retention (g/m ²)
Böhme AG	Böhme SWS Sealer	All colours	90
Böhme AG	Böhme SWS IT Finish	All colours	50
Böhme AG	Böhme SWS XT Finish	All colours	100
Böhme AG	Böhme LignoStain	All colours	260