

# Reaction to Fire Classification Report

Huntonit Brannit



**Client:** Huntonit AS  
**File no.:** PCA10548A  
**Date:** 2019-03-28  
**Pages:** 5                      **Encl.:** 1  
**Ref:** MPA / JAG  
**Notified Body No.** 0845



**DBI**

## Client information

Client: Huntonit AS  
Address: Postboks 21  
N-4701 Vennesla  
Norge

This Classification report should only be reproduced in extenso - in extracts only with a written agreement with this institute.



## 1. Introduction

This classification report defines the classification assigned to the product "Huntonit Brannit" in accordance with the procedures given in EN 13501-1:2007+A1:2009.

## 2. Details of classified product

### 2.1 General

The product "Huntonit Brannit" is defined as a fire retardant painted fibreboard for internal walls and ceilings according to:

EN 13986:2004 + A1:2015: Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking.

### 2.2 Product description

The product "Huntonit Brannit" consists of a 11 mm thick tongue and groove panels of wood fibre with a nominal weight per unit area of 9 kg/m<sup>2</sup>, with 252 g/m<sup>2</sup> Bantacryl Brannit 2.0, with 32 g/m<sup>2</sup> acrylic paint on top, and with a final top layer of 21 g/m<sup>2</sup> acrylic lacquer.

The product is mounted according to the client's mounting description with a vertical structured course of distributed horizontal and vertical joints.

Further product specifications are known to DBI - Danish Institute of Fire and Security Technology and are filed under the file number below.

The product was sampled by RISE Fire Research (Notified Body No. 1084) – see enclosure 1.

## 3. Reports and results in support of this classification

### 3.1 Reports

Name of laboratory	Name of client	Report ref. No	Test method Field of application rules	Date
DBI	Huntonit AS	PFA11327A	EN 13823 EN ISO 11925-2	2019-03-12 2019-03-21



### 3.2 Results

Test methods	Parameter	Number of tests <sup>a</sup>	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN 13823	FIGRA <sub>0.2 MJ</sub> (W/s)	3	46	(-)
	FIGRA <sub>0.4 MJ</sub> (W/s)	3	46	(-)
	THR <sub>600s</sub> (MJ)	3	1.7	(-)
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )	3	5	(-)
	TSP <sub>600s</sub> (m <sup>2</sup> )	3	50	(-)
	LFS < edge	3	(-)	Y
	FDP <sub>f≤10s</sub>	3	(-)	Y
	FDP <sub>f&gt;10s</sub>	3	(-)	Y
EN ISO 11925-2				
Surface flame attack, 30 s exposure	F <sub>s</sub> ≤ 150 mm within 60 s.	6	(-)	Y
	No ignition of filter paper	6	(-)	Y
Edge flame attack, 30 s exposure	F <sub>s</sub> ≤ 150 mm within 60 s.	6	(-)	Y
	No ignition of filter paper	6	(-)	Y
a Not for extended application				
Y "Compliant"				
(-) not applicable				

## 4. Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with clause 11.6, 11.9 and 11.10 of EN 13501-1:2007+A1:2009.

### 4.2 Classification

The product "Huntonit Brannit" in relation to its reaction to fire behavior is classified: B

The additional classification in relation to smoke production is: s1

The additional classification in relation to flaming droplets/particles is: d0

## Reaction to fire classification:

**B-s1,d0**

### 4.3 Field of application

The classification is valid for the following end use conditions:

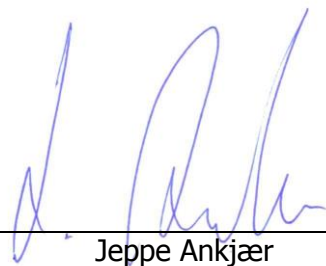
- any substrates of classes A1 and A2-s1,d0 of at least 11 mm thickness and with a density equal to or greater than 525 kg/m<sup>3</sup>
- with the product fixed mechanically to the substrate.
- with a ventilated or non-ventilated air gap
- without air gap
- with horizontal and vertical joints as tested according to the client's mounting description

The classification is also valid for the following product parameters:

- No allowances to product parameters described in section 2.2

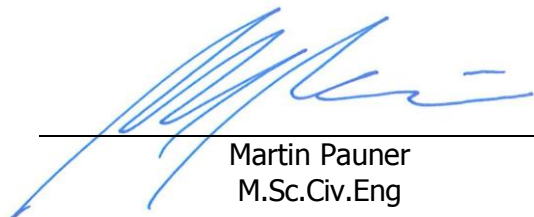
### 5. Limitations

This classification document does not represent type approval or certification of the product.



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Jeppe Ankjær  
B.Eng. Architectural Engineering



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Martin Pauner  
M.Sc.Civ.Eng



DBI



Huntonit AS  
Postboks 21  
4701 Vennesla  
Norge

Deres ref.:  
Kjell Torland

Vår ref.:  
Ola Rønning

Prosjekt / Sak:  
102140

Dato  
2019-03-11

### Ekstern inspeksjon vedrørende produksjon av prøvestykker

RISE Fire Research AS har, etter forespørsel fra Huntonit AS, utført en tredjepartskontroll i henhold til prøvetakingsprosedyrer beskrevet i EN 13986 i forbindelse med produksjon av prøvestykker for planlagte brann tekniske prøvinger ved DBI - Dansk Brand- og sikringsteknisk Institut.

Sted for inspeksjon: Huntonit AS, Venneslaveien 233, 4700 Vennesla  
Dato for inspeksjon: 2019-02-19  
Produktnavn: Huntonit Brannit

Vid inspeksjonen observertes følgende:

11 mm Huntonit trefiberplater 9 kg/m<sup>2</sup> ble påført 252 g/m<sup>2</sup> Bantacryl Brannit 2.0 fordelt på 5 strøk. Deretter ble det påført et toppstrøk med vannbasert akrylmaling på 32 g/m<sup>2</sup> og vannbasert akryllakk på 21 g/m<sup>2</sup>.

Batchnr.:

- Bantacryl Brannit 2.0: 391 801 0219
- Vannbasert akrylmaling: 391 823 0219
- Vannbasert akryllakk : 391 824 0219

Med vennlig hilsen

  
Ola Rønning  
Inspeksjonsleder



Vedlegg – Sikkerhetsdatablad Bantacryl Brannit 2.0

#### RISE Fire Research

Postadresse  
Postboks 4767 Torgarden

Besøksadresse  
Tillerbruvegen 202

Telefon  
464 18 000

E-post / web  
post@risefr.no

Foretaksnummer  
NO 982 930 057 MVA

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