

„MEŽA UN KOKSNES PRODUKTU PĒTNIECĪBAS UN ATTĪSTĪBAS INSTITŪTS” SIA
VAT No. LV 43603022749
Dobeles iela 41, Jelgava, LV-3001, Latvia
Phone +371 63010605 * E-mail meka@e-koks.lv * Web www.e-koks.lv



Classification of reaction to fire in accordance with EN 13501-1:2018

Issue number: K1/2022

Date of issue: 06.01.2022.

Sponsor: Kiilto Oy.

Address: PL 250, 33101 Tampere, Finland.

Reg. No. 2159756-3.

Manufacturer and owner of classification report: Kiilto Oy.

Prepared by: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (*Forest and Wood Products Research and Development Institute Ltd*).

Test performed at: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (*Forest and Wood Products Research and Development Institute Ltd*), “Pienavas katlu māja”, Pienava, Džūkstes pagasts, Tukuma novads, LV-3147, Latvia (“*Pienava heat plant*”, Pienava, Džūkste parish, Tukums region, LV-3147, Latvia).

Product name: Kiilto KeraSafe+

Laboratory involved in testing is accredited by the Latvian National Accreditation Bureau (LATAK) according to the standard LVS EN ISO/IEC 17025 under the terms of Latvian legislation with reg. No. T-316. Laboratory is a notified body with reg. No. NB 2040 under construction product regulation No. 305/2011.

Classification report refers only to these test objects. This classification report may not be reproduced otherwise than in full text, excepted with the prior written approval of the Forest and Wood Products Research and Development Institute

1. Introduction

This classification report defines the reaction to fire classification assigned to Kiilto KeraSafe+ in accordance with the procedures given in EN 13501-1:2018.

2. Details of classified product

2.1. General

Kiilto KeraSafe + is defined as water- and vapour-proof membrane for wet room waterproofing.

2.2. Product description

- Product name: Kiilto KeraSafe+
- Manufacturer: Kiilto Oy.
- Materials used for manufacturing:
 - elastomer foil;
 - polypropylene (PP) fleece.
- Specific weight: ~ 325 g/m²;
- Thickness: ~0.5 mm.
- Adhesives for fixing membrane to substrate: Kiilto KeraSafe Speed / Dual with consumption 600-700 g/m².

3. Test reports and test results in support of classification

3.1. Specific conditions

Not applicable

3.2. Test reports

Name of laboratory	Name of sponsor	Test reports	Test method
SIA „ Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	Kiilto Oy	6471-1/2021	EN ISO 11925-2:2020

3.3. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean	Compliance parameters
EN ISO 11925-2:2020 Exposure time 15 s. Test duration 20 s.	Flame spread (Fs)	12	yes	Compliant
	Ignition of filter paper		yes	Compliant
	Flaming droplets/particles		yes	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 of EN 13501-1:2018.

4.2. Classification

Kiilto KeraSafe+ in relation to its reaction to fire behaviour is classified:

E

The additional classification in relation to smoke production is:

-

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

-

The format of the reaction to fire classification for construction product excluding floorings and linings is:

Fire behaviour		Smoke production			Flaming droplets	
E	-	S	-	,	d	-

Reaction to fire classification: E

4.3. Field of application

4.3.1 This classification is valid for the following product end use applications:

Product primary is intended to use as water- and vapour-tight foil in wet room.

4.3.2. This classification is also valid for following product parameters:

- valid for product thickness as tested;
- product tested on fibre cementboard substrate and classification is valid for product application on substrates of reaction to fire class A2-s1,d0 and A1 having density at least 1350 kg/m³.
- valid only for product composition as tested;
- valid for specific weight as tested;
- valid without additional coating.

5. Limitations.

5.1. No restrictions on the duration of validity of this classification report as long as the product specifications remain unchanged.

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

Prepared by



E. Bukšāns

(signature and name)

Reviewed by



K. Būmanis

(signature and name)

THIS DOCUMENT IS SIGNED BY SECURE ELECTRONIC SIGNATURE AND CONTAINS A TIME STAMP
 (Signature validity can be checked: <https://www.eparaksts.lv/en>)